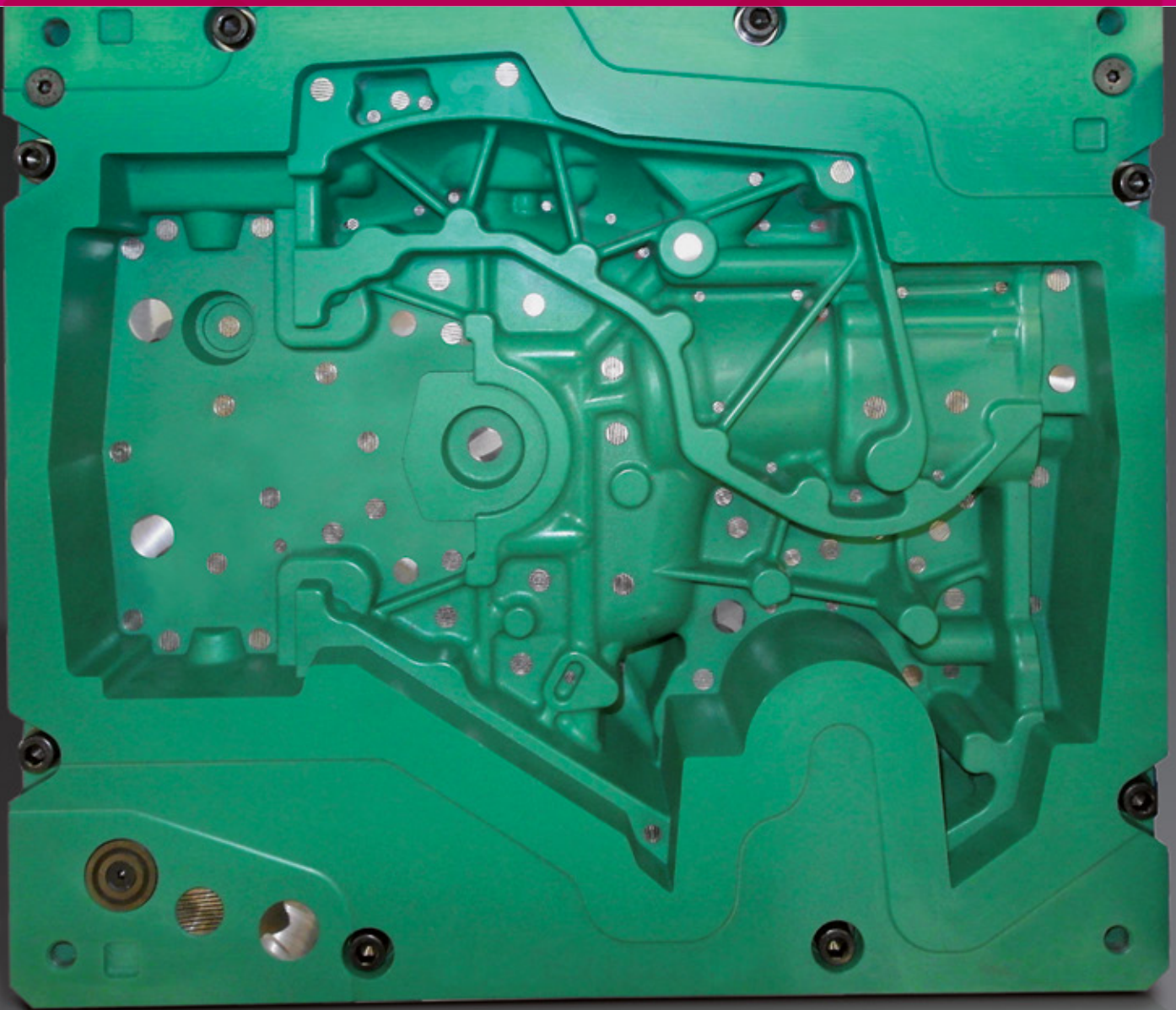


ebalta Product Overview.

High-performance Tooling Resins for Model and Mould Making.

Polyurethane and Epoxy Resins Boards and Blocks Silicones Auxiliaries



ebalta
Solution Takes Shape

Tooling resins mean the world to us.
Your applications – our challenge!

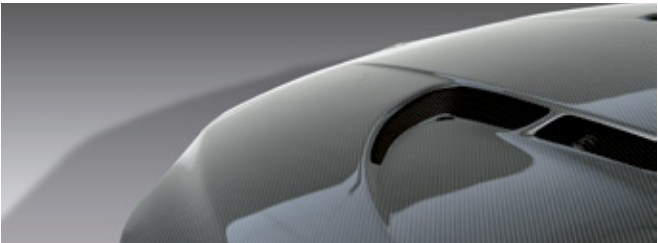
As diverse as processes are, we offer the solutions for, secure, reliable, flexible and efficient applications for foundry pattern making, design model making, mould and tool making as well as rapid prototyping and composites or electrical encapsulation. We understand the industry specific requirements and processes like no other. Whether for automotive industry, aerospace industry, wind energy, marine or machine building, we have a product range that shows the way.

Our experience for your leading in knowledge!
Consultation with best expertise.

We want to support our customers’ capacity for innovation and competitiveness consistently. With a wide range of products, excellent consultation and service we will assist you at every stage of your project. Our experts for the various applications are always at your disposal, or just feel free to contact distributors for an appointment in your premises.

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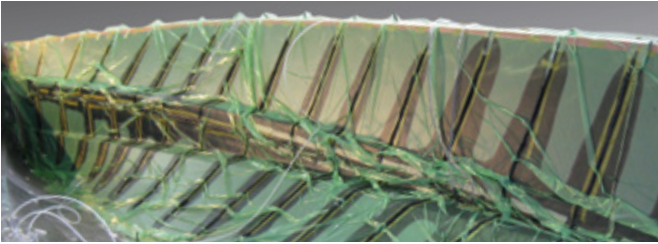
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Board and block material

ebaboard – board material / eblock® – block material

	Colour	Properties	Applications	Density [g/cm³]	Linear thermal expansion coefficient [10 ⁻⁶ K] 20-50 °C	Temperature resistance Martens [°C]	Available sizes [mm]	Adhesive, repair putty and casting resins
ebaboard L-1	ochre	very well workable, good edge strength, good compressive strength	master / design models, laminating tools	0.45	approx. 66	92 ± 2	1500 x 500 x 50 / 75 / 100 / 200	Adhesive ochre
ebaboard 60-1	brown	dense surface, fine structure, very well workable	master models, design models, foundry patterns	0.60	approx. 53	77 ± 5	1500 x 500 x 30 / 50 / 75 / 100 / 150 / 200	Adhesive and repair putty brown
ebaboard 0700	brown	dense surface, very fine structure,very well workable	master models, foundry patterns, design models	0.70	approx. 49	78 ± 3	1500 x 500 x 50 / 75 / 100 / 200	Adhesive and repair putty brown
ebaboard EP 978	light blue	EP board material, very fine structure	tools for prepreg-moulds and prepreg parts	0.68	approx. 39	145 ± 3	1524 x 609 x 50 / 75 / 100 / 150	Adhesive 551/18
ebaboard 0780	turquoise	very fine structure, high strength values, good edge strength	Master models, foundry patterns, laminating tools	0.78	approx. 63	86 ± 1	1500 x 500 x 50 / 75 / 100	Adhesive, repair putty and casting resin green
ebablock® M 007	brown	dense surface, fine structure, very well workable	cubing / master / design models	0.82	approx. 67	68 ± 2	ebablock®: individual sizes	Adhesive and repair putty brown
ebaboard 1050 ebablock® 1050	light grey	well workable, fine structure	foundry patterns, core boxes, jigs	1.05	approx. 60	98 ± 3	ebaboard: 1000 x 500 x 50 / 75 / 100 ebablock®: individual sizes	Adhesive and repair putty light grey
ebaboard 1220	orange	high abrasion resistance, dimensionally accurate	foundry patterns, core boxes pattern plates	1.21	approx. 73	82 ± 4	1000 x 500 x 50 / 75 / 100	Adhesive and repair putty orange
ebaboard PW 920 ebablock® 920	green	high quality surface, high abrasion resistant, good edge strength	foundry patterns, core boxes, pattern plates	1.22	approx. 87	80 ± 3	ebaboard: 1000 x 500 x 50 / 75 / 100 ebablock®: individual sizes	Adhesive, repair putty and casting resin green
ebaboard 1200 ebablock® 1200	beige	low thermal expansion, good edge strength, high quality surface	gauges, fixtures, moulding tools	1.25	approx. 54	97 ± 3	ebaboard: 1000 x 500 x 50 / 75 / 100 ebablock®: individual sizes	Adhesive and repair putty beige
ebablock® K 08	salmon pink	very high abrasion resistance, very shock resistant, dense surface	core boxes	1.35	approx. 150	-	ebablock®: individual sizes	Adhesive for ebablock® K 08
ebaboard 1350 ebablock® 1350	blue	low coefficient of linear expansion, high abrasion resistance, very fine structure, very well workable	foundry patterns, core boxes, pattern plates	1.35	approx. 74	88 ± 3	ebaboard: 1000 x 500 x 50 / 75 / 100 ebablock®: individual sizes	Adhesive, repair putty and casting resin blue
ebaboard 1400 ebablock® 1400	blue	low thermal expansion, high abrasion resistance, fine structure	foundry patterns, core boxes, pattern plates	1.38	approx. 69	87 ± 2	ebaboard: 1000 x 500 x 50 / 75 / 100 ebablock®: individual sizes	Adhesive , repair putty and casting resin blue
ebaboard 1700	grey	good heat resistance, low thermal expansion	jigs, moulding tools, vacuum forming tools	1.70	approx. 45	85 ± 2	1000 x 500 x 50 / 75 / 100	Adhesive and repair putty grey
ebaboard 1750	beige	low coefficient of linear expansion, good edge strength	jigs, moulding tools	1.75	approx. 43	90 ± 3	1000 x 500 x 50 / 75 / 100	Adhesive beige
ebaboard W ebablock® W	grey	high strength, wear resistant, low thermal expansion	sheet metal forming, vacuum forming tools, hammer form tools, jigs, mould constructions	1.76	approx. 50	76 ± 2	ebaboard: 1000 x 500 x 50 / 75 / 100 ebablock®: individual sizes	Adhesive and repair putty grey
ebablock® 1820	beige	low thermal expansion, high heat resistance	foundry patterns, jigs, mould constructions	1.82	approx. 53	90 ± 5	ebablock®: individual sizes	Adhesive and repair putty beige
ebablock® P 185	blue	low thermal expansion, high heat resistance	nickel shell models, tools for low temperature prepreg	1.86	approx. 39	115 ± 5	ebablock®: individual sizes	Adhesive and putty P 185 blue
ebazell 50	light beige	very low weight, very well workable	styling models, negatives, base construction	0.05	approx. 41	-	2000 x 1000 x 50 / 75 / 100 further dimensions on request	Adhesive for ebazell
ebazell 80	light beige	fine structure, very well workable	styling models, master models, design models	0.08	approx. 58	-	2000 x 1250 x 50 / 100 / 150 / 200 / 300 / 400 further dimensions on request	Adhesive for ebazell
ebazell 160	light green	very fine structure, very well workable	master models, design models, arts and crafts	0.16	approx. 57	-	2000 x 1000 x 100 / 150 / 200 / 300 / 400 further dimensions on request	Adhesive for ebazell
ebazell 260	light grey	very fine structure, very well workable, dimensionally stable	master models, design models, arts and crafts	0.25	approx. 72	-	2000 x 1000 x 50 / 100 / 150 / 200 further dimensions on request	Adhesive for ebazell

ebaboard – board material / eblock® – block material

ebazell – foam boards

ebazell – foam boards

Polyurethane casting resins

Polyurethane casting resins flexible

Resin / Hardener	Properties + Applications				Mixing ratio p.b.w.	Special mixtures		
	Colour			Pot life approx. min.		Type	Properties	Mixing ratio
GM 900-1 A / B	black, beige	Shore A hardness 13, highly flexible, good tear propagation resistance	casting mould for gypsum, plastic, ceramic materials, wax	17-27	100 : 10	-	-	-
GM 951-1 A / B	black, beige	Shore A hardness 45, good tear propagation resistance, well castable,	casting mould for gypsum, plastic, wax, ceramic materials cement, gaskets	17-27	100 : 10	GM 951-Thix	50 Shore A, brushable	100 : 10
GM 956 / GM 956-30	trans-parent	Shore A hardness about 30, Shore hardness (flexibility) variable, excellent flow properties, odourless	prototypes with rubber-like properties, flexible parts	20-30	100 : 205	GM 956-45	45 Shore A	100 : 180
						GM 956-60	60 Shore A	100 : 150
						GM 956-70	70 Shore A	100 : 110
						GM 956-80	83 Shore A	100 : 80
GM 956-90 A / B	trans-parent	Shore A hardness 90, Shore A hardness (flexibility) variable, excellent low properties, high tear strength, dourless	prototypes with rubber-like properties, flexible parts	-	100 : 125	-	-	-
GM 965-55 A / B	red	Shore A hardness about 55, filled	casting moulds for ceramic, concrete, cement, gypsum	15-20	100 : 11	GM 965- 40	Shore A hardness ca. 40	100:11,5
						GM 965-70	Shore A hardness ca. 70	100 : 15
GM 973 A / B	beige, black	Shore A hardness 90, high tear strength, well castable, flexible, yeable	flexible parts, jigs	12-15	100 : 15	-	-	-
GM 984-1 A / B	reddish trans-parent, grey	Shore D hardness approx. 65, long pot life, large volumes, high abrasion resistance	core boxes, jigs	30-45	100 : 130	-	-	-
GM 984-2 A / B	reddish-opaque	Shore D hardness approx. 67, very good dimensional stability, high abrasion resistance	core boxes, jigs	17-20	100 : 130	-	-	-
GM 986-1 A / B	yellow-opaque	Shore D hardness approx. 70, dimensionally stable at high temperatures, high abrasion resistance	foundry patterns, pattern plates	16-20	100 : 26	-	-	-
GM 987 A / B	orange-opaque	Shore D hardness approx. 65, excellent abrasion resistance	foundry patterns, pattern plates	14-17	100 : 21	-	-	-

Polyurethane casting resins

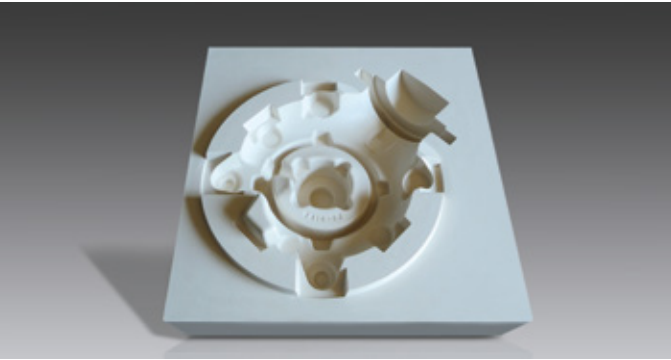
Resin / Hardener	Properties + Applications				Mixing ratio p.b.w.	Special mixtures		
	Colour			Pot life approx. min.		Type	Properties	Mixing ratio
GM 708 / PUR 4	brown	unfilled, slow curing	sheet metal forming, foundry patterns, negatives, jigs	45-60	100 : 75	-	-	-
GM 727 A / B	beige	well workable, thick castable, dimensionally accurate, heat resistant	jigs, pattern plates foundry patterns, control casting, negatives	25-35	100 : 22	-	-	-
GM 978 / D A / B	black, white	very shock resistant, well castable, castable until 8 mm	prototypes with thermoplastic like properties, core boxes, foundry patterns	35-45	100 : 17	GL	thicker castable	100 : 25
GM 979 / PUR 1	green	wear resistant, good compressive strength, impact resistant, heat resistant, excellent dissolving of mould and core sand properties	foundry patterns, core boxes, pattern plates, negatives	25-35	100 : 25	-	-	-
HFG / PUR 11	grey	very thick castable, fast curing, impact resistant, dimensionally accurate, for large volume back fillings	backfillings for core boxes, backfillings for negatives	7-9	100 : 33	-	-	-
PU 10 A / B	beige	density 100 g/L, fine structurem	styling models, core material, base constructions, negatives	60-90	100 : 120	PU 08	Density 80 g/L	100 : 120
						PU 20	Densitiy 200 g/L	100 : 80
PU 17W A / B	black	density 180 g/L, fine structure, viscoelastic	flexible slabstock foam parts, material for treads	4-5	100 : 50	-	-	-

Polyurethane casting resins rigid

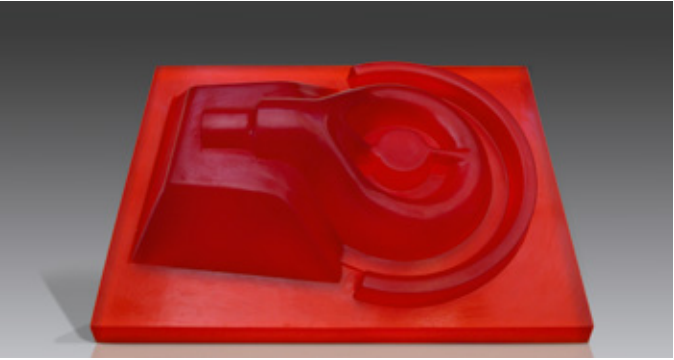
Casting foams



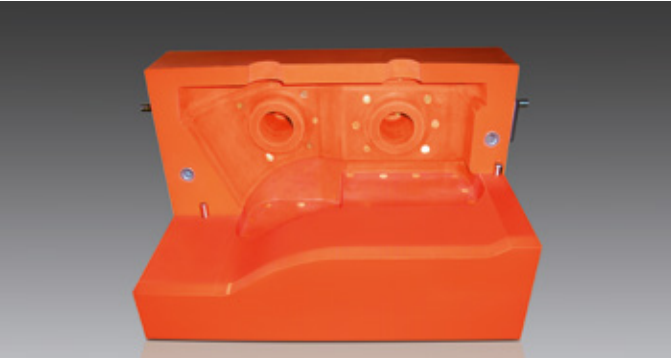
Carity made of GM 965-55, concrete casting



Negative made with GM 727



Pattern made with GM 984-2



Core box made with GM 987

Polyurethane casting resins

Fast casting resins unfilled	Resin / Hardener	Properties + Applications				Mixing ratio p.b.w.	Special mixtures		
		Colour		Pot life approx. min.			Type	Properties	Mixing ratio
	SG 130 / PUR 11	ivory	unfilled, impact resistant, high strength	foundry patterns, core boxes, negatives, vacuum forming tools	2,5-3,5	100 : 100	SG 130 L	pot life 5-7 min.	100 : 100
							SG 131	pot life 9-15 min.	100 : 100
	SG 140 / PUR 12	beige	high filler content possible, unfilled, high strength	foundry patterns, core boxes, negatives, control castings, vacuum forming tools	4-5	100 : 100	SG 140 L	pot life 7-9 min.	100 : 100
	SG 2000 A / B	ivory	unfilled, very thin liquid, high filler content possible, good curing, very high strength, very heat resistant	foundry patterns, core boxes, negatives, control castings	2,5-3,5	100 : 100	SG 2000 S	pot life 1.5-2.5 min.	100 : 100
							SG 2000 L	pot life 7-8 min.	100 : 100
							SG 2015	pot life 14-18 min.	100 : 100
	SG 150 A / B / C	grey	heat resistant fast curing	vacuum forming tools Foam tools Polyester press tools	18-22	100 : 200 : 9 : 450	-	-	-
	SG 197 A / B	ivory	high impact strength, very well castable, low viscosity	prototypes, toys, decoration stuff	4-6	100 : 100	SG 198	pot life 2-3,5 Min	100 : 100
Fast casting resins filled	SG 600 / PUR 4	red	fine structure, well workable, very well castable	foundry patterns, core boxes, control castings, negatives	4-6	100 : 15	-	-	-
	SG 700 / PUR 5	blue	well castable, fine structure, dimensionally accurate, fast curing, versatile	foundry patterns, core boxes, jigs, negatives, control castings	5-6	100 : 15	SG 700 A	abrasion resistant, pot life 5-7 min.	100 : 15
	ebatemp / PUR 5	alu-grey	very smooth surface, polishable, well castable, well workable, aluminium filled	vacuum forming tools, foundry patterns, negatives	4,5-5,5	100 : 16	-	-	-



Pattern made with SG 130



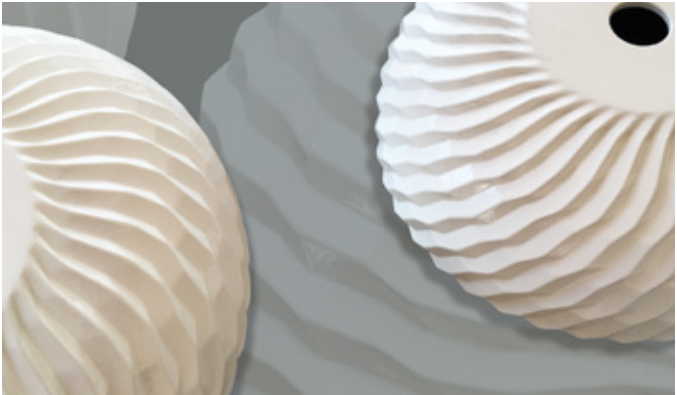
Pattern made with SG 700 blue

Epoxy resins

Resin / Hardener	Properties + Applications				Mixing ratio p.b.w.	Special mixtures		
	Colour		Pot life approx. min.			Type	Properties	Mixing ratio
AH 100 / TG	yellow transparent	unfilled, low cost, low viscosity	bonding resin for silica-sand-auxiliary negatives	40-50	100 : 20	D	high filler content possible	100 : 19
						GL	versatile	100 : 29
AH 110 / TL	yellow transparent	unfilled, high strength, high heat resistance up to 100 °C	laminating resin also for heavy fabrics / bonded fabrics, binding resin for fillers	85-95	100 : 24	TGL	good curing	100 : 22
						TGS	fast curing	100 : 22
AH 120 / TL	whitish transparent	unfilled, high heat resistance up to 98 °C, high strength	laminating resin also for heavy fabrics / bonded fabrics, vehicle construction, aircraft construction	80-90	100 : 25	TGL	good curing	100 : 22
						LI 130-2	long pot life	100 : 35
AH 140 / TC 90-1	yellow transparent	very thin liquid, good curing at roomtemperatur, high heat resistance up to 100 °C	hand laminating, vacuum injection, laminates for: boatbuilding, automotive industry	90-105	100 : 32	LI 20	cures tack free, high heat resistance	100 : 35
						LI 60		100 : 35
						LI 130-2		100 : 35
AH 150 / IP 55	opaque	very low viscosity, good fibre wetting, long flow paths, low price	boatbuilding, vehicle- and aircraft construction, parts and moulds	50-60	100 : 30	IP 10	potlife 10-13	100 : 30
						IP 25	potlife 14-20	100 : 30
						IP 430	potlife 300-420 min.	100 : 30
LH 22 / GL	white	excellent dimensional accuracy, long pot life, low exothermic character	laminare moulds, checking gauges	40-45	100 : 25	GR	shorter pot life	100 : 23
LH 25 resin / hardener	white	flammability classification S 4, smoke emission class SR-2, drippability class ST-2, dimensionally accurate	laminare parts for rail vehicles, boatbuilding	50-60	100 : 15	-	-	-
LH 28-1 / TM	brown transparent	high heat resistance up to 175 °C, long processing time, low exothermic character	vacuum forming tools, prepreg tools, vacuum injection, blow moulds, polyester injection moulds	240-360	100 : 40	-	-	-
LH 30 resin / hardener	brown transparent	low exothermic character, long processing time, very high heat resistance up to 181 °C	high temperature resistant laminating tools	160-200	100 : 42	-	-	-
IH 16 resin / hardener fast	transparent	very low viscosity, good wet-out characteristics, long flow paths	infiltration of porous 3-D printed parts	50-60	100 : 30	hardener very fast	fast curing	100 : 30
						hardener slow	long processing	100 : 30



Roding Roadster R1 made with AH 140



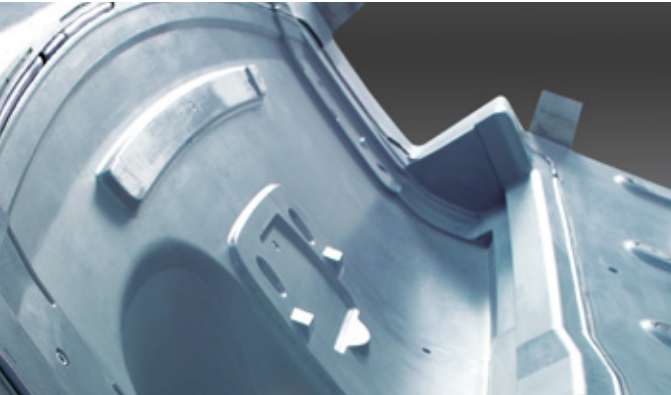
3D-printed sink infiltrated with ebalta resin IH 16

General purpose and laminating resins

Epoxy resins

Epoxy casting resins

Resin / Hardener	Properties + Applications				Mixing ratio p.b.w.	Special mixtures		
	Colour		Pot life approx. min.			Type	Properties	Mixing ratio
GH 705 / TL	alu-grey	high heat resistance, aluminium-like	65-75	100 : 10	-	-	-	-
GH 706 / GLE	blue	abrasion resistant, fine structure, good compressive strength, very hard, wear resistant, well castable, castable up to 15 mm	30-40	100 : 18	GL	thickly castable	100 : 10	
GH 723 / D	green	low viscosity, very well castable, well workable	55-65	100 : 7	-	-	-	-
GH 730 / BR	black	impact resistant, versatile	35-45	100 : 10	D	thin liquid	100 : 5	
					GL	longer pot life	100 : 8	
					CH2-Gel	brushable	100 : 7,5	
GH 754-7 / GH 754-1	alu-grey	heat resistant, well workable, very good flowability	100-120	100 : 10	-	-	-	-
GH 760 / GL	grey	dimensionally accurate, abrasion resistant, high strength, castable up to 40 mm, very good sliding properties	45-55	100 : 10	CH2-Gel	brushable	100 : 7,5	
GH 761 / D	black	low viscosity, well castable	50-60	100 : 5	GL	thickly castable	100 : 8	
GH 767 / GL	green	workable, castable up to 50 mm	25-35	100 : 8	BR	impact resistant	100 : 10	
GH 781 / GH 781 S	grey	heat resistant, short curing time, high strength, low thermal expansion	90-110	100 : 5	GH 781	longer processing time	100 : 5	



Foaming mould made with GH 781



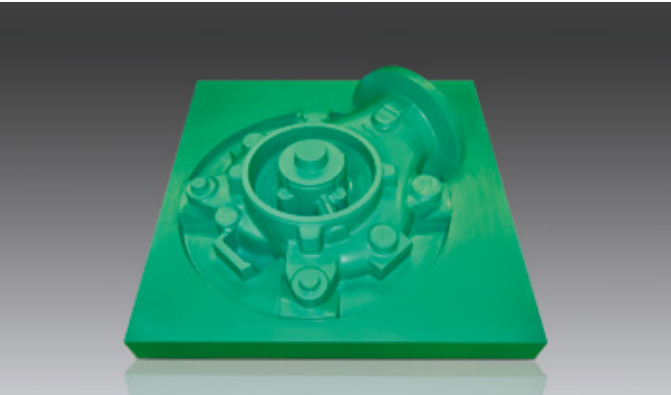
Pattern made with GH 760

Gel coats

Resin / Hardener	Properties + Applications				Mixing ratio p.b.w.	Special mixtures		
	Colour		Pot life approx. min.			Type	Properties	Mixing ratio
OH 4 / CH-1	white	universal, very good speradable, good grinding, impact resistant surface	15-20	100 : 16	-	-	-	-
OH 6-1 / CH-1	blue	fine structure, very abrasion resistant, very hard	20-25	100 : 11	-	-	-	-
OH 12 / CH2-Gel	beige	very shock resistant, abrasion resistant, resistant	20-25	100 : 17	-	-	-	-
OH 20 / CH-2 gel	red brown	fine structure, jointless surface, well workable, well spreadable	30-35	100 : 15	CH-2	well spreadable, jointless surface	100 : 15	
OH 30 resin / hardener	black	long processing time, very high heat resistance until 170 °C	160-200	100 : 20	-	-	-	-
OH 33 / CH-1	black	styrene resistant, resistant against solvent, good grinding, dense surface	20-30	100 : 19	-	-	-	-
OH 35 / CH-1	black	chemical resistant, polishable, grinding possible, dense surface, heat resistant	20-30	100 : 16	-	-	-	-
OH 38 / CH-1	alu-grey	chemical resistant, polishable	20-30	100 : 15	-	-	-	-
OH 50 / hardener 03	black	styrene resistant, chemical resistant, very dense surface, polishable	12-18	100 : 20	-	-	-	-
OH 82 / TM	black	very low thermal expansion, very high heat resistance up to 175 °C, dimensionally accurate	220-260	100 : 31	-	-	-	-
OH 11 / PUR 3	red oxide	abrasion resistant, impact resistant, excellent dissolving properties of mould and core sand, on polyurethane base	20-25	100 : 40	OH 11 hard	very hard, tough	100 : 30	
					-	-	-	-
OH 49 A / B	green	very abrasion resistant, hard elastic, Shore D hardness approx. 66	12-16	100 : 36	-	-	-	-

Epoxy gel coats

PU gel coats



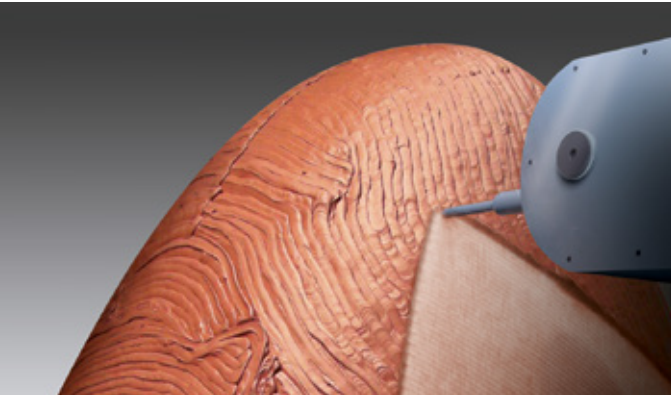
Pattern made with OH 49



Application of gel coat OH 6-1

Pastes

Laminating pastes	Resin / Hardener	Properties + Applications				Mixing ratio p.b.w.	Special mixtures		
		Colour		Pot life approx. min.			Type	Properties	Mixing ratio
Laminating pastes	PS 02 / BRIL	blue, grey	glassfiber filled, soft	foundry patterns, core boxes, negatives	50-60	100 : 12	BRI	fast curing	100 : 12
	PS 03-1 Resin / Hardener	blue, grey	glassfiber filled, heat resistant until 68 °C	core boxes, negatives, foundry patterns	40-50	100 : 11	-	-	-
	PS 05/TLB	grey	glassfiber filled, low shrinkage, heat resistant until 105 °C	vacuum forming tools, PU-foaming tools, prepreg tools	50-60	100 : 13	-	-	-
Reinforcing pastes	PS 06 / TL	alu-grey	heat resistant until 120 °C, good conductivity, good compressive strength, glassfiber filled, aluminium filled	foam tools, polyester press tools, bulking compound for vacuum forming tools	50-60	100 : 4	-	-	-
	PS 07-1 / TM	alu-grey	heat resistant until 175 °C, glassfiber filled, aluminium filled	vacuum forming tools, prepreg tools	70-80	100 : 6	-	-	-
	PS 08 / TL	alu-grey	aluminium filled, glassfiber-filled, air permeable	bulking material for vacuum forming tools	45-60	100 : 3	-	-	-
Coupling pastes	KP 6 / TGL	grey	aluminium filled, heat resistant up to 100 °C	couplingpaste EP resin / backfilling	30-40	100 : 18	BR	couplingpaste for OH 49 and EP-back filling	100 : 26
	KP 7-1 / TM	grey	aluminium filled, heat resistant up to 175 °C	couplingpaste for OH 33/HM, OH 35/HM, OH 38/HM, OH 82-1/TM	240-360	100 : 32	-	-	-
	KP 8 A / B	grey	well spreadable, good bonding agent	couplingpaste hard elastic PU resin	20-25	100 : 28	-	-	-
	HV 55 / PUR 1	green	Good bonding on: steel, stainless steel, aluminium, flexible PU casting resins, wood	Bonding agent and adhesive for matrix for elastic PU resins	25-35	100 : 25	-	-	-
Modelling and lay-up pastes	P 22 Resin / Hardener	red, brown	good manual modelling, dimensionally accurate, very well workable, long processing time	master models for the automotive field, aircraft construction, industrial design	40-50	100 : 100	-	-	-
	P 26 Resin / Hardener	brown, light grey	modelling EP lay-up paste, density 0,75 g/cm³, jointless, 10-35 mm layer possible in one step, low exothermic, dimensionally stable, very well workable, dense surface	close to final shape models for boat building, in the wind energy industry, aircraft industry, automotive industry	45-60	100 : 100	-	-	-



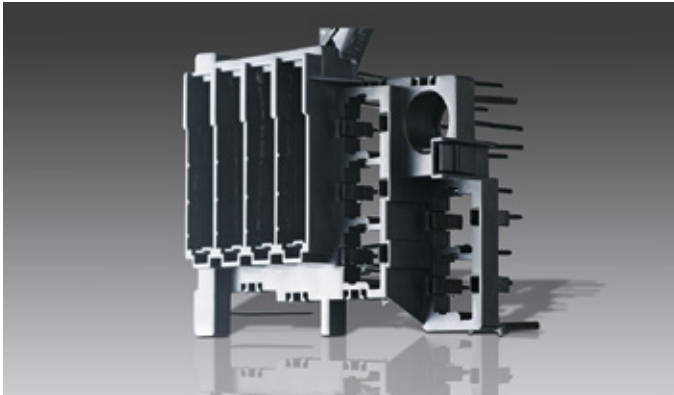
Milling of lay-up paste P 26



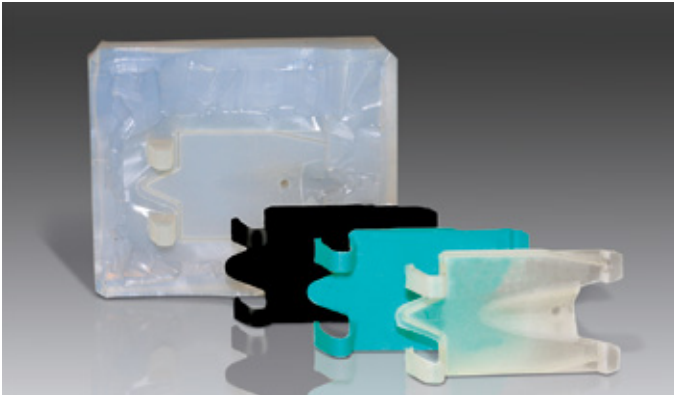
1000 kg lay-up paste P 26 for an original model size

Prototype – resins

Prototype – resins for RIM	Resin / Hardener	Properties + Applications				Mixing ratio p.b.w.	Special mixtures		
		Colour		Pot life approx. min.			Type	Properties	Mixing ratio
Prototype – resins for RIM	MG 321 FR-S	black, nature	self-extinguishing according to UL 94 V0- and 5 VA, classification acc. to DIN 5510-2, for fire protection in rail vehicles	cladding parts EDP field and parts medical sector	50-60 sec.	100 : 50	MG 321 FR	longer pot life 70-80 sec.	100 : 50
	MG 425 / PUR 19	black	medium E-modulus, high impact resistance	functional, prototyping and cladding parts for automotive field and EDP field	50-60 sec.	100 : 90	-	-	-
	MG 426 A / B	black	casting of thick wall thicknesses possible	functional, prototyping and cladding parts for automotive field and EDP field	150-160	100 : 100	-	-	-
	MG 453 A / B	black	high heat resistance field, excellent flow properties	functional, prototyping and cladding parts for automotive field and EDP field	55-60 sec.	100 : 75	MG 453 GF A / B	high rigidity	100 : 60
Prototype – resins for vacuum	MG 703 / Z 400	white	high impact strength, good flexural strength	high quality prototypes like PP / PE	8-12	100 : 31	MG 703 / Z 460	high impact strength	100 : 31
	MG 804 A / B	white, black	long pot life, very well castable	high quality prototypes, like ABS and PA	10-13	100 : 100	MG 804 / MG 804-1	long pot life	100 : 100
							MG 804 GF A / MG 804-1 B	well castable	100 : 50
	MG 815 A / B	black	high temperature resistance	high quality prototypes, like ABS and PA	5-7	100 : 70	MG 815 A / MG 815 FR B	flame retardant variation according UL 94 V0	100 : 120
	MG 822 A / B	transparent, black	high impact strength, pigmentable, high heat resistance	impact and temperature stressed functional parts, impact resistant covers	ca. 7	100 : 45	-	-	-



Part made with vacuum casting resin MG 815



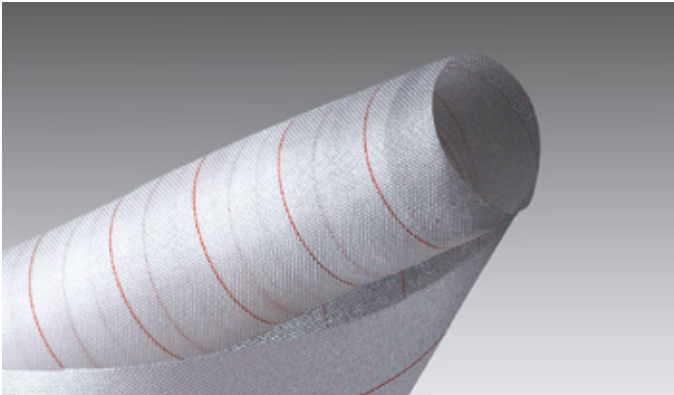
Silicone mould made of Xiameter® RTV-4234-T4 with parts made of GM 956

Resin / Hardener	Properties + Applications				Mixing ratio p.b.w.	Special mixtures		
	Colour		Pot life approx. min.			Type	Properties	Mixing ratio
Xiameter® RTV 4250-S	green	addition curing, very good tear strength, 25 Shore A	flexible moulds for casting, vacuum casting, gypsum, wax, plastics, encasing of electrical oil bleeding components	40-60	100 : 10	-	-	-
Xiameter® RTV 4260-V	purple	addition curing, 38 Shore A, long mould working life	flexible moulds for casting, vacuum casting, gypsum, wax, plastics, encasing of electrical oil bleeding components	60-90	100 : 10	-	-	-
Xiameter® RTV 4234-T4	trans-lucent	addition curing, 40 Shore A	flexible moulds for casting, vacuum casting, gypsum, wax, plastics, encasing of electrical oil bleeding components	90	100 : 10	4234-T-4 0	oil bled	100 : 10
Xiameter® RTV 4136-M	blue	addition curing, 59 Shore A	flexible moulds for vacuum forming, gypsum, wax, plastic, casting of electrical parts, polyamide casting	60	100 : 10	-	-	-
Thixo Additiv	trans-parent	thixotropic	adjust silicones for spraying and brush application, thicken	-	1-3 %	Primer	Bonding agent for metallic sub-surface	-

Silicone high solid	light grey	condensation curing, high strength, in-mould releasing, flexible, 23 Shore A	flexible parts, casting moulds for gypsum, plastic, wax, ceramic materials	20-30	100 : 3	thin liquid	condensation curing, well castable, low viscosity, in-mould releasing, 21 Shore A	100 : 3
Xiameter® RTV 3120	red brown	condensation curing, excellent heat resistance, 56 Shore A	elastic casting moulds for lowmelting blends, tin	60	100 : 10	-	-	-
Xiameter® RTV 3481	white	condensation curing, 24 Shore A, universal	flexible moulds, skin-like moulds	90-120	100 : 5	3081-F	fast	100 : 5
						3081-VF	very fast	100 : 5
						3081-R	resin resistant	100 : 5

EGM PU 02	red	unfilled	electrical encapsulation, e.g. condensers, transformers	approx. 2 Std.	100 : 55	-	-	-
EGM PU 21	grey, brown	UL-94 registration	electrical encapsulation, e.g. condensers, transformers	approx. 1 Std.	100 : 30	-	-	-
EGM PU 26	beige	general purpose applications	electrical encapsulation, e.g. condensers, transformers	approx. 15 min.	100 : 25	-	-	-
EGM PU 32 FR	beige	UL-94 registration	electrical encapsulation, e.g. condensers, transformers	approx. 15 min.	100 : 20	-	-	-

Glass and carbon fibres		Release agents		Fillers		
Stapel fibre cloth	170 g/m², 280 g/m², 445 g/m², fast build-up of big laminate thicknesses	T 1-1	liquid, fast drying, polishable, also available as spray	Light fillers, filler F-A, F-B, F-alu, F-iron, F-G, MF-paste, alu-granules, alu-powder, slate powder, plastic granules, Thixo 200, Thixo 01, cotton flocks, steel powder		
Chopped glass strands	length of fibre 6 mm	T 2	pasty, soft, polishable	Synthetic gypsum		
Glass filament fabrics	163 g/m², 280 g/m², 445 g/m², 600 g/m²	T 03-1	liquid, heatresistant until 100 °C	ebacryl-Laminating-System, Ludur XL		
Carbon fibres	93 g/m², 160 g/m², 200g/m², 245 g/m²	T 7	pasty, well polishable, resistant up to 80 °C	Wax sheets		
Polyester fillers		T 17	semipermanent, high-temperature resistant			
		T 18	water-based release agent			
		Honey Wax	very well polishable			
Fast curing modelpaste	brown, very easy processing and grinding	1711	Aerosol, contains silicone, resistant up to 125 °C	Special sheets 130 °C	light brown, 305 x 610 mm, self adhesive, smooth, 0.25–7 mm, 130 °C	
ebalta-lastic	grey, high filling properties, very easy processing and grinding	PTFE	Aerosol, contains teflon, non-sticking, heat and chemical resistant	Standard sheets 64 °C	lemon yellow, 305 x 610 mm, self adhesive, soft, 1–6 mm, 64 °C	
ebalta-plast	white or mahogany, very dense structure, free of pores	PVA	liquid, builds a shiny heat and chemical resistant film, removable with water	Ancillary materials for vacuum infusion		
Repair-paste	silver coloured, heat resistant, repair metal or plastic	Mould sealers		Consumer materials for composites and vaccuum injection		
Fibre-polyester	contains glass fibres, reinforcing			Sealer 02 Sealer 09	Sealer for porous boards	Accessories
Polyester liquid	unfilled, addition of various fillers possible			Pore sealer	liquid, fast drying, sandable and sprayable, seals rough surfaces such as wood or gypsum	
		Sealer for sheet wax	liquid, fast drying, prevents PVA-film from sagging	Silicone colour pastes	white, blue	
		Sealer G1	liquid, fast drying, sealing of ebazell-boards			Additives and ancillary equipment



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