

DPC-Epoxy resins for tooling and patternmaking

Handling data and final properties

DPC-Adhesive resin

System		
DPC-Resin		KL
DPC-Hardener		K
Properties		With hardener 'K' a multi-purpose 2-component epoxy-resin adhesive, for tough bonds with high peel and shear strength
Applications		For various materials, such as metals, wood, plastics, concrete, glass etc.
Preparation/Processing		
Mix ratio	100 : X	Gew. Teile 80
Mix viscosity (25°C)		mPa.s pasty
Pot life (100g/25°C)		min. 120
Curing		h / °C 24 / RT
Postcuring		h / °C 7d / RT
Properties of cured material (24 h / RT + 2 h / 120°C)		
Glass transition temperature	TG	°C ca. 75

COMPOSITION AND PACKAGE SIZES

TYPES		AP 1		AP 2		AP 3		AP 4	
Resin	Hardener	kg Resin + Hardener	Item No.	kg Resin + Hardener	Item No.	kg Resin + Hardener	Item No.	kg Resin + Hardener	Item No.
Gelcoat resins		6 tins resin 6 units hardener		2 tins resin 2 units hardener		1 drum resin 1 cont. hardener			
OW	S	3 + 0,45 = 3,45	955.111	5 + 0,75 = 5,75	955.112	30 + 4,5 = 34,5	955.113	-	-
OW	TS	3 + 0,30 = 3,30	955.111A	5 + 0,50 = 5,50	955.112A	30 + 3,0 = 33,0	955.113A	-	-
OAG	S	3 + 0,30 = 3,30	955.131	5 + 0,50 = 5,50	955.132	30 + 3,0 = 33,0	955.133	-	-
OAG	TS	3 + 0,24 = 3,24	955.131A	5 + 0,40 = 5,40	955.132A	30 + 2,4 = 32,4	955.133A	-	-
OS	S	3 + 0,21 = 3,21	955.141	5 + 0,35 = 5,35	955.142	30 + 2,1 = 32,1	955.143	-	-
OS	TS	3 + 0,12 = 3,12	955.141A	5 + 0,20 = 5,20	955.142A	30 + 1,2 = 31,2	955.143A	-	-
OTG	S	3 + 0,36 = 3,36	955.151	5 + 0,60 = 5,60	955.152	30 + 3,6 = 33,6	955.153	-	-
OTG	TS	3 + 0,24 = 3,24	955.151A	5 + 0,40 = 5,40	955.152A	30 + 2,4 = 32,4	955.153A	-	-
VPM 1063A	VPM 1063B	3 + 0,36 = 3,36	955.161	5 + 0,60 = 5,60	955.162	30 + 3,0 = 33,0	955.163	-	-
Multi-purpose resins		6 tins resin 6 units hardener		1 cont. resin 1 cont. hardener		1 drum resin 1 cont. hardener		1 drum resin 1 cont. hardener	
MZ3	LN	3,6 + 0,72 = 4,32	955.251	10 + 2,0 = 12,0	955.252	25 + 5,0 = 30,0	955.253	50 + 10,0 = 60,0	955.254
MZ3	GR	3,6 + 1,20 = 4,80	955.251A	10 + 3,3 = 13,3	955.252A	25 + 8,25 = 33,25	955.253A	50 + 16,5 = 66,5	955.254A
MZ3	TS	3,6 + 0,72 = 4,32	955.251B	10 + 2,0 = 12,0	955.252B	25 + 5,0 = 30,0	955.253B	50 + 10,0 = 60,0	955.254B
MZ 2	LN	3,6 + 0,79 = 4,39	955.261	10 + 2,2 = 12,2	955.262	25 + 5,5 = 30,5	955.263	50 + 11,0 = 61,0	955.264
MZ 2	TS	3,6 + 0,72 = 4,32	955.261A	10 + 2,0 = 12,0	955.262A	25 + 5,0 = 30,0	955.263A	50 + 10,0 = 60,0	955.264A
Laminating resins		6 tins resin		1 cont. resin		1 drum resin		1 drum resin	
Laminating paste		6 units hardener		1 cont. hardener		1 cont. hardener		1 cont. hardener	
LW	LN	3,6 + 0,54 = 4,14	955.211	10 + 1,5 = 11,5	955.212	30 + 4,5 = 34,5	955.213	-	-
LW	LG	3,6 + 1,08 = 4,68	955.211A	10 + 3,0 = 13,0	955.212A	30 + 9,0 = 39,0	955.213A	-	-
LT 1	LN	3,6 + 0,72 = 4,32	955.221	10 + 2,0 = 12,0	955.222	25 + 5,0 = 30,0	955.223	50 + 10,0 = 60,0	955.224
LT 1	VPM 1085	3,6 + 1,44 = 5,04	955.221A	10 + 4,0 = 14,0	955.222A	25 + 10,0 = 35,0	955.223A	50 + 20,0 = 70,0	955.224A
LT 2	LN	3,6 + 0,72 = 4,32	955.231	10 + 2,0 = 12,0	955.232	25 + 5,0 = 30,0	955.233	50 + 10,0 = 60,0	955.234
LT 2	LG	3,6 + 1,44 = 5,04	955.231A	10 + 4,0 = 14,0	955.232A	25 + 10,0 = 35,0	955.233A	50 + 20,0 = 70,0	955.234A
LT 3	T 2	3,6 + 0,72 = 4,32	955.241B	10 + 2,0 = 12,0	955.242B	25 + 5,0 = 30,0	955.243B	50 + 10,0 = 60,0	955.244B
LT 4	T 4	3,6 + 0,72 = 4,32	955.241C	10 + 2,0 = 12,0	955.242C	25 + 5,0 = 30,0	955.243C	50 + 10,0 = 60,0	955.244C
LTT	T	3,6 + 0,72 = 4,32	955.241	10 + 2,0 = 12,0	955.242	25 + 5,0 = 30,0	955.243	50 + 10,0 = 60,0	955.244
LTT	T 2	3,6 + 0,72 = 4,32	955.241A	10 + 2,0 = 12,0	955.242A	25 + 5,0 = 30,0	955.243A	50 + 10,0 = 60,0	955.244A
VPM 1075A	VPM 1075B	3,6 + 1,32 = 4,92	955.271	10 + 3,6 = 13,6	955.272	25 + 9,0 = 34,0	955.273	50 + 18,0 = 68,0	955.274
VPM 1036	VP 763	3,6 + 1,20 = 4,80	955.271A	10 + 3,3 = 13,3	955.272A	25 + 8,25 = 33,25	955.273A	50 + 16,5 = 66,5	955.274A
VPM 1062A	VPM 1062B	3,6 + 1,20 = 4,80	955.271B	10 + 3,3 = 13,3	955.272B	25 + 8,25 = 33,25	955.273B	50 + 16,5 = 66,5	955.274B
LP 10	H 10 B	-	-	10 + 1,8 = 11,8	955.532	-	-	-	-
Casting resins		6 tins resin 6 units hardener		1 cont. resin 1 cont. hardener		1 drum resin 1 cont. hardener			
GG	GR	6 + 0,6 = 6,6	955.311	15 + 1,5 = 16,5	955.312	30 + 3,0 = 33,0	955.313	-	-
GG	GN	6 + 0,72 = 6,72	955.311A	15 + 1,8 = 16,8	955.312A	30 + 3,6 = 33,6	955.313A	-	-
GS	GR	6 + 0,6 = 6,6	955.321	15 + 1,5 = 16,5	955.322	30 + 3,0 = 33,0	955.323	-	-
GS	S	6 + 0,42 = 6,42	955.321A	15 + 1,05 = 16,05	955.322A	30 + 2,1 = 32,1	955.323A	-	-
GB	GR	6 + 0,6 = 6,6	955.331	15 + 1,5 = 16,5	955.332	30 + 3,0 = 33,0	955.333	-	-
GB	S	6 + 0,42 = 6,42	955.331A	15 + 1,05 = 16,05	955.332A	30 + 2,1 = 32,1	955.333A	-	-
GW	GR	6 + 0,6 = 6,6	955.361	15 + 1,5 = 16,5	955.362	30 + 3,0 = 33,0	955.363	-	-
GW	TT	6 + 0,36 = 6,36	955.361A	10 + 0,6 = 10,6	955.362A	30 + 1,8 = 31,8	955.363A	-	-
GHG	GR	6 + 0,6 = 6,6	955.351	15 + 1,5 = 16,5	955.352	30 + 3,0 = 33,0	955.353	-	-
GHG	GN	6 + 0,9 = 6,9	955.351A	15 + 2,25 = 17,25	955.352A	30 + 4,5 = 34,5	955.353A	-	-
GTG	T	6 + 0,42 = 6,42	955.341	15 + 1,05 = 16,05	955.342	30 + 2,1 = 32,1	955.343	-	-
URESID		6 tins A-Comp. 6 units B-Comp.				1 drum A-Comp. 1 cont. B-Comp.			
25 R	B-Comp.	4,8 + 1,2 = 6,0	955.411	-	-	-	-	-	-
26 G	B-Comp.	5,22 + 0,78 = 6,0	955.421	-	-	-	-	-	-
28	B-Comp.	5,0 + 1,0 = 6,0	955.451	-	-	15 + 3,0 = 18,0	955.453	-	-
28 G	B-Comp.	5,0 + 1,0 = 6,0	955.451A	-	-	15 + 3,0 = 18,0	955.453A	-	-
Adhesive resin		4 tins resin 4 units hardener		1 tin resin 1 unit hardener		1 cont. resin 1 unit hardener			
KL	K	2,0 + 1,6 = 3,6	955.611	10,0 + 8,0 = 18,0	955.612	25,0 + 20,0 = 45,0	955.613	-	-