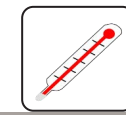



# Epoxy Resin



Products	Application	PRIMING	LAMINATING	ADHERE	COVERING	CASTING	FEATURES	VISCOSITY	COLOUR	SYSTEM/ HARDENER	POT LIFE	TEMPERATURES	
		adhesion agent	fibre wet-out	sticking together	surfaces	fill (up)		(the higher, the thicker)		Type	(min. at 20°C)	... processing minimum (recommend)	... loadability (Tg MAX in °C)
HP-E80FS	grounding, sealing	++	+	+	-	-	for porous substrate (mineral, wood, ...)	low	brownish	HP-E80FS	35	15 (20°C)	n. a.
HP-E30FB	mould surfaces	-	-	-	++	-	mould surfaces, (black aluminium filled)	high (thixotropic)	black	HP-E30FB	30	15 (20°C)	115°C
HP-E5K, HP-E60K, HP-E120K	adhesives	-	-	++	-	-	adhesing / sticking together, slightly tacky	medium	brownish	HP-E5K HP-E60K HP-E120K	5 60 120	5 (20°C) 15 (20°C) 15 (20°C)	n. a.
HP-E25KL, HP-E45KL	multi-purpose systems	O	++	++	++	O	multi-purpose system, unfilled mould resin, chemical resistant	medium	slightly yellowish	HP-E25KL HP-E45KL	25 45	5 (20°C) 15 (20°C)	78°C 66°C
HP-E28L, HP-E55L, HP-E110L	laminating systems	-	++	O	-	-	standard laminating system for many applications	low	bluish	HP-E28L HP-E55L HP-E110L	28 55 110	15 (20°C) 18 (20°C) 18 (20°C)	75°C 81°C 75°C
HP-E29L, HP-E56L, HP-E111L	laminating systems	-	++	O	-	-	high level laminating system for many applications very good physiological compatibility	low	bluish	HP-E29L HP-E56L HP-E111L	25 55 110	15 (20°C) 20 (20°C) 18 (20°C)	93°C 91°C 79°C
HP-E3000RI	infusion / injection systems	-	++ <sup>1</sup>	-	-	O	for infusion or injection (RTM) IMC / MTI - Vacuum Process	very low	very transparent <sup>1</sup> (carbonlook)	HP-E30RI HP-E120RI HP-E300RI	35 200 300	10 (25°C) 15 (25°C) 15 (25°C)	90°C 98°C 83°C
HP-E3000GL 	infusion / injection systems approved by Germanischer Lloyd	-	++ <sup>1</sup>	-	-	O	for infusion or injection (RTM) IMC / MTI - Vacuum Process approved by Germanischer Lloyd	very low	very transparent <sup>1</sup> (carbonlook)	HP-E15GL HP-E200GL HP-E300GL	15 200 300	10 (25°C) 15 (25°C) 15 (25°C)	91°C 107°C 92°C
HP-E25D	covering system (topcoat)	+	+	O	++	-	application with brush / roller	low	very transparent (carbonlook)	HP-E25D	25	10 (20°C)	45°C
HP-E40D	covering system (topcoat)	+	+	O	++	+	application with brush / roller for casting thickness <10mm	low	very transparent (carbonlook)	HP-E40D	40	10 (20°C)	50°C
HP-E25DM	covering system (gelcoat)	+	+	O	++	-	application with brush / roller	medium	very transparent (carbonlook)	HP-E25DM	25	10 (20°C)	69°C
HP-E300GB	casting system	-	-	-	+	++	embedding system, for casting thickness <30mm	very low	transparent	HP-E300GB	300	18 (20°C)	45°C
HP-E45GA	casting system	-	-	-	-	+	electrical castings up to 48V for casting thickness <20mm	medium	slightly yellowish	HP-E45GA	45	15 (20°C)	67°C
HP-E3000WS	high heat-resistant system	-	++	++	+	+	multi-purpose system, high heat-resistance, heat curing is necessary	medium	slightly yellowish	HP-E3000WS +accelerator	3000	20 (180°C)	160°C
HP-E30TLS	Laminating system	-	++	+	-	-	laminating system for building ponds / pools / roofs	low	slightly yellowish	HP-E30TLS	30	15 (20°C)	50°C
HP-E30TDS	covering system (topcoat)	-	-	-	++	-	covering system for building ponds / pools / roofs, coloured	high (thixotropic)	coloured	HP-E30TDS	30	15 (20°C)	50°C

++ = very good applicable

+ = applicable

o = conditionally applicable

- = not provided

n.a. = data not available

<sup>1</sup> = depends on the hardener



**All resin systems can be adjusted to match your individual request. Modification of the viscosity or colour, adjustment of the pot life time as well as the adaption of the technical properties or loading capacities can be optimized to suit your needs.**

**Just contact us!**