

Trickle and impregnating resins											
Product Group	Monomer	Viscosity ¹⁾ mPas at 23°C	Flow Time ²⁾³⁾ s at 23°C	Gelling Time min/°C	Shelf Life months at 23°C	Pot - Life at 23°C or °C/h	Curing- °C/min	Suitable for thermal class	UL- Classification Twisted Helical Pair Coil IEC IEC 172 290	Application	
Trickle resins DOBECKAN– Unsaturated Polyesterimide, one (EK) or two components											
FT 1040 comp. A+B (1:1)	styrene	70/85/120		5- 8/100	6	14 days	120/ 5 – 30	H	180	220 ⁴⁾	household appliances, standard motors
FT 1080 comp. A+B (1:1)	styrene	85/120/500		5- 8/100	6	14 days	130/ 5 – 30	H	180	200 ⁴⁾	high speed universal machines
FT 2001 comp. A+B (1:1)	styrene	120/500		8-10/100	6	14 days	130/ 5 – 30	H	180	200 ⁴⁾	starters, large size machine tools
FT 2002/..EK	styrene	70/120/250		4- 7/100	6	6 months	130/10 – 30	H	180	200 ⁴⁾	machine tools, generators
FT 2025/..EK	vinyltoluene	85/350		7-15/100	4	4 months	140/ 5 – 30	H	180	200 ⁴⁾	transformers, generators, starters
Trickle resins DOBECKOT– Epoxy Resin											
502, hardener 706, accelerator 808 (100:85:2)		800 (mixture)		7-11/120	12	approx. 8h	130/2 - 3 h	F	155	180 ⁴⁾	rotors for DC or standard motors, pole wheels
505, hardener 764, (100:30)	-	550 (mixture)		2- 4/120	12	30-40 min	130/15-30	B	-	-	universal motors
Impregnating resins DOBECKAN– Unsaturated Polyesterimide, normal viscous/structural viscous, one (EK) or two Components											
FT 1052, hardener K2 (100:1)	styrene	500		30-40/100	6	6 months	150/1 h	H	180	200 ⁴⁾	standard motors, transformers
FT 1052/..EK	styrene	85 ²⁾	40/60 ³⁾	40-50/100	6	6 months	150/1 h	H	180	200 ⁴⁾	standard motors, DC and special machines
FT 1052/...hard.r K2 (100:1)	styrene	85 ²⁾	40/60 ³⁾	40-50/100	6	6 months	150/1 h	H	180	200 ⁴⁾	standard motors, DC and special machines
FT 2015/..EK	vinyltoluene	85 ²⁾	40/60 ³⁾	50-70/100	6	6 months	150/1 h	200	200	220 ⁴⁾	DC machines, transformers, HS machines
Impregnating resins DOBECKAN– Unsaturated Polyesterimide, one component (EK)											
FT 2004/..EK	styrene	120/250		7-15/100	6	6 months	130/2 h	200	200	220 ⁴⁾	standard motors, transformers
FT 2006/..EK	styrene	85/350		10-15/100	6	6 months	140/2 h	H	180	180 ⁴⁾	transformers, standard motors
FT 2015/..EK	vinyl toluene	500		20-30/120	12	12 months	160/4 h	200	200	220 ⁴⁾	standard motors, special machines
Impregnating/Trickle Resins Dobeckan– Unsaturated Polyesterimide, one Component, UV-supported curing											
FT 2004/..UV	styrene	350		7-15/100	6	6 months	150/10-15min+UV	200	200	220 ⁴⁾	standard motors, transformers
FT 2006/..UV	styrene	350		10-15/100	6	6 months	150/10-15min+UV	H	180	180 ⁴⁾	transformers, standard motors
FT 2025/..UV	vinyl toluene	350		7-15/100	4	4 months	150/10-15min+UV	H	180	200 ⁴⁾	standard motors, special machines
Impregnating Resins DOBECKAN– Unsaturated Polyesterimide, pigmented, one (EK) or two Components											
FT 1040/1white,hard.K2(100:1)	styrene	1200		25-40/100	6	2 months	140/1 h	F	-	-	ballasts with and without housing
FT 2402/150black,hard.K2(100:1)	styrene	150		10-20/120	6	6 months	140/1 h	H	180	200 ⁴⁾	transformers, magnet coils
FT 2503/700 EK (white)	styrene	700		25-45/100	6	6 months	140/2 h	F	-	-	ballasts with and without housing
FT 2516 (pink), hard. K2 (100:1)	styrene	950		38-48/100	3	3 months	140/2 h	F	-	- ⁵⁾	HF components, security transformers
Explanation: ¹⁾Viscosity measured with visco-balance ²⁾Flow time in s with cup DIN/EN/ISO 4 mm ³⁾Flow time in s with cup DIN/EN/ISO 6 mm Gel time referring to condition as delivered (100:1) indicates mixing ratio parts by weight Shelf life referring to original sealed container Product registered with UL - Underwriters Laboratories Inc. (USA) ⁴⁾under File-No. E 73288 ⁵⁾under File-No. E 86447 acc. to UL 94-V-0 edition 01											