

LOW EMISSION RESINS

EUROPE - 2019

Resin	Description	Typical liquid resin properties							Typical cured resin properties				
		Viscosity, Brookfield (mPa•s)	Viscosity, Cone&Plate (mPa•s)	Monomer Content (%)	Curing system				Tensile Strength (mPa)	Tensile Modulus (mPa)	Tensile Elongation at Break (%)	Flexural Strength (mPs)	HDT (°C)
					Gel Time (min)	Peroxide (%)	Accelerator 1%	Temp °C					
Aropol™ PTM 208 TA/TB	Thixotropic, pre-accelerated. Good mechanical properties. Lloyd's Register approved.	200	1400	61	20/40	1.5	-	23	60	3200	2.1	100	70
Aropol™ M 105 TA/TB/TC	Thixotropic, pre-accelerated. Lloyd's Register approved.	1400	180	41	20/40/60	1	-	23	55	3600	2.0	90	66
Aropol™ M 105 TAW/TBW	White, thixotropic, pre-accelerated.	1700	180	41	20/40	1	-	23	55	3600	2.0	90	66
Aropol™ M 105 TBR	Thixotropic, pre-accelerated, reduced peak exotherm. Lloyd's Register approved.	1400	180	41	45	1	-	23	55	3600	2.0	90	66
Aropol™ M 300 TA/TB	Thixotropic, pre-accelerated, good mechanical properties.	1100	250	42	20/40	1	-	23	70	3300	3.5	110	90
Aropol™ M 300 TBR	Thixotropic, pre-accelerated, reduced peak exotherm, good mechanical properties.	1100	250	42	40	1	-	23	70	3300	3.5	110	90
Aropol™ M 604 TB	Thixotropic, pre-accelerated, DCPD based. Lloyd's Register approved.	1200	180	37	35	1	-	23	49	2900	2.3	-	85
Aropol™ M 604 TBR	Thixotropic, pre-accelerated, reduced peak exotherm, DCPD based. Lloyd's Register approved.	1200	180	37	50	1	-	23	49	2900	2.3	-	85
Aropol™ S 60 TB	New very low styrene content, DCPD resin.	1400	270	20	45	1	-	23	51	2700	2.6	-	87

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