

GENERAL PURPOSE 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™ G 102 TA/TB	Thixotropic, pre-accelerated, low viscosity. Lloyd's Register approved.	1200	190	42	20/45	1	-	23	55	3600	2.0	100	68
Aropol™ G 102-9202	Thixotropic, pre-accelerated, low viscosity, low exotherm.	1200	180	42	55	1	-	23	55	3600	2.0	100	68
Aropol™ G 154 TA/TB	Thixotropic, pre-accelerated, high exotherm.	1200	180	41	19/34	1	-	23	60	3500	2.1	110	75
Aropol™ K 530 TE/TB	Thixotropic, pre-accelerated, isophthalic based, good corrosion resistance. Lloyd's Register approved.	1200	320	44	12/35	2	-	23	65	4100	2.5	125	93
Aropol™ PT 154 TA/TB	Accelerated, thixotropic, low viscosity resin with good fiber wetting.	1200	250	45	20/35	1	-	23	69	-	3.5	120	75
Aropol™ S 580 TA/TB	Thixotropic, pre-accelerated, isophthalic based, good mechanical properties.	1250	320	44	20/35	1.5	-	23	81	3500	6.3	130	86

¹⁾ 6% Co | ²⁾ RV2 2 rpm/RV2 20 rpm | ³⁾ RV2 10 rpm

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