

PULTRUSION RESINS AND LP ADDITIVES

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™ FS 75	High reactivity, low viscosity, DCPD based resin.	300	-	33	10 (SPI)	-	-	-	61	-	2.4	92	98
Aropol™ FS 3990	High reactivity, medium viscosity, orthophthalic based resin.	800	-	35	5 (SPI)	-	-	-	60	-	3.0	100	95
Aropol™ IS 4698	High reactivity, medium viscosity, isophthalic based resin.	800	-	36	8 (SPI)	-	-	-	67	-	3.6	117	105
Aropol™ S 524 H	UV stabilized, isophthalic based resin with good mechanical properties.	500	-	39	5 (SPI)	-	-	-	75	4200	2.9	-	94
Aropol™ S 560 ZX	Isophthalic based resin containing LP additive, with good mechanical properties, giving excellent surface finish.	1300	-	43	11 (SPI)	-	-	-	60	3300	2.5	100	100
Aropol™ S 599 S	Isophthalic based resin with high HDT and good chemical resistance.	500	-	34	6 (SPI)	-	-	-	55	3700	1.5	100	125
Derakane™ 510A-40	Fire retardant, epoxy vinyl ester resin.	400	-	38	See technical data sheet				86	3400	4-5	150	110
Derakane™ Momentum™ 640-900	Epoxy vinyl ester resin specially designed for pultrusion.	900 ¹⁾	-	30	-	-	-	-	90	3300	5-6	145	110
Neulon™ 2000	A black low profile additive.	5000	-	60	-	-	-	-	-	-	-	-	-
Neulon™ LP 40 A	Low profile additive.	5000	-	60	-	-	-	-	-	-	-	-	-

¹⁾ Other viscosities may be provided upon request

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