

CAST MARBLE, SOLID SURFACE, POLYMER CONCRETE 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 (mPa)	HDT (°C)
					Gel Time (min)	Peroxide (%)	Accelerator 1%	Temp °C					
Aropol™ FS 1902	Non-promoted, low reactivity resin.	180	-	39	17	2	0,2g Co6	20	60	3000	2.2	110	63
Aropol™ PT 101 E	Pre-accelerated, low reactivity resin.	400	-	40	21	2		23	65	-	4.5	120	65
Aropol™ PT 156 LV	High fillable, high reactivity. Specific for polymer concrete.	180	-	44	10	2	0,1g Co6	25	75	3500	3.9	135	80
Aropol™ PT 1903 BV	Pre-accelerated resin, good mechanical properties.	280	-	40	40	1.5	-	20	68	-	4.5	120	65
Polaris™ DRPS 160	Excellent hydrolysis and thermal shock resistance.	1500	-	34	15	1	2	23		-	2.5	100	57
Polaris™ FS 2903	Clear, UV stabilized, pre-accelerated.	-	170	40	10	1.5	-	20	60	-	2.0	110	70
Polaris™ S 280 E	Highly fillable, low exotherm, pre-accelerated.	700	700	30	12	2	-	23	50	4000	1.5	-	60
Polaris™ S 313 EM	Highly fillable, high reactivity, pre-accelerated.	-	600	35	20	1	-	23	65	3500	2.7	-	75
Polaris™ S 550	ISO-NPG based, UV stabilized, non-accelerated.		450	39	7	2	1.2	25	61	3100	4.5	115	95
Polaris™ S 550 LE	ISO-NPG based, UV stabilized, pre-accelerated.		450	39	10	1.5	-	25	61	3100	4.5	115	95

INEOS Composites

GLOBAL PRESENCE

Global Headquarters INEOS Composites

North America

Dublin, OH USA
Tel: +1 614 790 9299
Americascustomer.composites@INEOS.com

Regional Centers

Asia Pacific

Shanghai, P.R. China
Tel: +86 21 2402 4688
ASIAcustomer.composites@INEOS.com

Europe

Barcelona, Spain
Tel: +34 93 206 5120
EMEAcustomer.composites@INEOS.com

India

Navi Mumbai
Tel: +91 22 6148 9696
EMEAcustomer.composites@INEOS.com

Latin America

Araçariquama, São Paulo, Brazil
Tel: +55 11 4136 6477
Americascustomer.composites@INEOS.com

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