

EP 5753 Laminating System

Product	Description	Process						Application						Properties								
		Wet Lay Up	Resin Infusion	RTM	Filament Winding	Pultrusion	Brush / Roller	Carbon Fibre	Cosmetic Carbon Fibre	Glass Fibre	Structural	Coatings	Adhesives	General Purpose	Low Temperature Cure	Fast Cure	Slow Cure	Surface Finish	Corrosion Resistance	Chemical Resistance	High Temperature Resistance	Adhesion
EP 5753 - H5753	Low viscosity, infusion and RTM applications	✓	✓✓	✓✓			✓	✓✓	✓✓	✓✓	✓		✓	✓✓					✓	✓	✓	✓
EP 5753 - H5753S	low viscosity resin, slow cure.	✓	✓✓	✓✓	✓	P	✓	✓✓	✓✓	✓✓	✓		✓	✓✓			✓✓		✓	✓	✓	✓
EP 5753 - H97	Corrosion resistant resin. Adhesive resin.	✓✓	✓	✓			✓✓	✓✓	✓✓	✓✓	✓	✓✓	✓✓	✓	✓		✓	✓✓	✓✓	✓✓		✓✓
EP 5753 - H105	Resin with excellent cure at low temperatures.	✓	✓✓	✓✓			✓	✓✓	✓✓	✓✓	✓		✓	✓✓	✓✓				✓	✓	✓	✓
EP 5753 - H5753HT	Resin with high temperature resistance	✓	✓✓	✓✓	✓	✓	✓	✓✓	✓✓	✓✓	✓						✓✓		✓	✓	✓✓	

✓✓ Highly recommended
 ✓ Recommended

EP 5753 Laminating System

Product	Description	Liquid & Cure Properties						Mechanical Properties						
		Ratio	Mix Viscosity (25°C)	Mix Density (25°C)	Pot Life (200g, 25°C)	Cure Time (25°C)	Minimum Cure Temperature	Hardness	Tensile Strength	Tensile Modulus	Elongation at Break	Flexural Strength	Flexural Modulus	Tg (DMA)
		pbw	mPa.s	gcm ⁻³	minutes	hours	°C	Shore D	MPa	MPa	%	MPa	MPa	°C
EP 5753 - H5753	Low viscosity, infusion and RTM applications	100 : 25	150 - 250	1.08 - 1.13	50 - 70	Jan-00	18	85 - 90	62 - 66	1900 - 2200	2.5 - 4.5	115 - 120	2550 - 2950	84 - 89
EP 5753 - H5753S	low viscosity resin, slow cure.	100 : 25	350 - 450	1.08 - 1.13	90 - 150	24	18	85 - 90	47 - 51	1500 - 1800	2.5 - 4.5	82 - 87	2250 - 2650	95 - 100
EP 5753 - H97	Corrosion resistant resin. Adhesive resin.	100 : 64	500 - 800	1.07 - 1.12	30 - 60	24	15	78 - 82	50 - 54	1400 - 1700	4 - 6	68 - 72	1600 - 2000	57 - 61
EP 5753 - H105	Resin with excellent cure at low temperatures.	100 : 22	180 - 300	1.10 - 1.15	18 - 24	12	0	83 - 87	78 - 82	2000 - 2300	4 - 6	110 - 116	2500 - 2800	79 - 83
EP 5753 - H5753HT	Resin with high temperature resistance	100 : 29	250 - 450	1.07 - 1.12	160 - 220	24 - 48	20	83 - 87	58 - 64	1700 - 2000	3 - 5	105 - 110	2350 - 2750	103 - 109