

EP 5752 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 5752 - H5752	Wet lay up resin, general purpose.	✓✓	✓				✓✓	✓✓	✓✓	✓✓	✓		✓	✓✓					✓	✓	✓	✓
EP 5752 - H5752S	Wet lay up resin, slow cure.	✓✓	✓	✓	✓	✓	✓✓	✓✓	✓✓	✓✓	✓		✓	✓✓		✓✓			✓	✓	✓	✓
EP 5752 - H97	Corrosion resistant resin.	✓					✓✓	✓✓	✓✓	✓✓	✓	✓✓	✓✓	✓	✓		✓	✓✓	✓✓	✓✓		✓✓
EP 5752 - H105	Resin with excellent cure at low temperatures.	✓✓					✓✓	✓✓	✓✓	✓✓	✓		✓	✓	✓✓	✓✓			✓	✓		✓
EP 5752 - H5752HT	Resin with high temperature resistance	✓✓	✓	✓	✓	✓	✓✓	✓✓	✓✓	✓✓	✓					✓✓			✓	✓	✓✓	
EP 5752 - H25	Adhesive resin.	✓✓					✓✓	✓		✓			✓✓	✓					✓	✓		✓✓

✓✓ Highly recommended
 ✓ Recommended

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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 5752 - H5752	Wet lay up resin, general purpose.	100 : 25	300 - 500	1.08 - 1.13	50 - 70	16 - 24	18	83 - 87	55 - 59	1600 - 1900	3 - 5	111 - 117	2400 - 2800	105 - 110
EP 5752 - H5752S	Wet lay up resin, slow cure.	100 : 25	300 - 500	1.08 - 1.13	90 - 150	24	18	83 - 87	47 - 51	1650 - 1950	3 - 5	97 - 103	2300 - 2700	88 - 93
EP 5752 - H97	Corrosion resistant resin.	100 : 64	1100 - 1500	1.07 - 1.12	60 - 80	24	15	78 - 82	52 - 56	1450 - 1750	4 - 6	68 - 72	1750 - 2050	56 - 60
EP 5752 - H105	Resin with excellent cure at low temperatures.	100 : 22	300 - 600	1.09 - 1.14	20 - 25	12	0	83 - 87	51 - 56	1750 - 2050	2.5 - 4.5	87 - 93	2300 - 2600	88 - 92
EP 5752 - H5752HT	Resin with high temperature resistance	100 : 29	400 - 700	1.06 - 1.11	160 - 220	Post Cure	Post Cure	83 - 87	47 - 53	1400 - 1700	3 - 5	88 - 94	2100 - 2400	133 - 139
EP 5752 - H25	Adhesive resin.	100 : 50	1100 - 1500	1.05 - 1.10	50 - 70	24	18	78 - 82	43 - 47	1200 - 1400	4 - 6	62 - 66	1500 - 1800	63 - 67