

RESIN SYSTEMS FOR CARBON FIBER UD TAPES AND FABRICS					Autoclave	Press Moulding	VBO/OoA	Toughened	Flame retardant	Cosmetic	High Temperature	Aerosturctures	Aircraft Interiors	Industrial	Marine	Tooling
Resin Name	Max Tg [°C, DSC]	Cure Temperature Range [°C]	Typical Cure Cycle	Shelf Life												
EP10ST	130	90-150	1h @120°C	30 days @ 20°C 12 months @ -18°C	0	0			0					0	0	
EP20TU	125	90-140	1h @ 120°C	30 days @ 20°C 12 months @ -18°C	0	0	0	0				0		0	0	
EP30FR	135	90-145	1h @ 120°C	30 days @ 20°C 12 months @ -18°C	0				0	0			0	0		
EP32FR	150	120-150	1h @ 135°C	30 days @ 20°C 12 months @ -18°C	0			0	0	0			0	0		
EP40TP	195	70-180	8 h @ 70°C + Post cure	15 days @ 20°C 12 months @ -18°C	0					0						0
EP42TP	225	70-200	5 h @ 70°C + Post cure	30 days @ 20°C 12 months @ -18°C	0					0						0
EP50HT	145	110-150	1h @ 135°C 15min @ 150°C (PCM)	30 days @ 20°C 12 months @ -18°C	0	0			0	0	0			0		
EP51HT	218	135-200	2h @ 180°C + Post cure (optional)	30 days @ 20°C 12 months @ -18°C	0			0		0	0			0		
EP52HT	232	130-220	2.5h @ 180°C + Post cure (optional)	30 days @ 20°C 12 months @ -18°C	0			0		0	0			0		
EP53HT	150	130-160	60min@140°C	30 days @ 20°C 12 months @ -18°C	0	0			0	0				0		
EP54HT	140	130-150	15min @ 150°C (PCM)	30 days @ 20°C 12 months @ -18°C	0	0		0	0	0				0		
EP60FC	150	130-160	4 min @ 150°C 10 min @ 135°C	20 days @ 20°C 12 months @ -18°C	0	0			0	0				0		
EP70CL	110	90-135	1h @ 120°C	30 days @ 20°C 12 months @ -18°C	0				0					0	0	
EP71CL	115	90-135	3h @90°C + 1h @ 130°C	30 days @ 20°C 12 months @ -18°C	0		0		0					0	0	

RECYCLED CARBON SOLUTIONS - 100-350 g/m² Non-woven fabrics

Product Name	Max Tg [°C, DSC]	Cure Temperature Range [°C]	Typical Cure Cycle	Shelf Life												
TNT-11ST	135	90-150	1h @120°C	30 days @ 20°C 12 months @ -18°C	0	0			0					0	0	
TNT-31FR	135	90-145	1h @ 120°C	30 days @ 20°C 12 months @ -18°C	0			0	0			0	0			
TNT-61FC	150	130-160	4 min @ 150°C 10 min @ 135°C	30 days @ 20°C 12 months @ -18°C	0	0			0	0				0		
TNT-41TP	195	70-180	8 h @ 70°C + Post cure	30 days @ 20°C 12 months @ -18°C	0					0						0