



Innovium - High Tg solutions

*Semi-solid epoxy resin films*

Product	Process	Viscosity @ 60°C (mPa.s)	GC* (J/m²)	Recommended cure	Tg °F (°C)	Storage modulus* kPSI (GPa)	Film density (g/sqm)	Film thickness (µm)	Comments
LED 2376	Preimpregnation, RFI	160 000	430	2h @ 266°F (130°C) + 2h @ 338°F (170°C)	320 (160)	7250 (50)	40 - 400	35 - 350	Semi solid resin films are designed for a simple implementation in common production lines to produce prepreg. On-the-shelf formulations are low tack versions. Tack may be adjusted on-demand.
LED 2377	Preimpregnation, RFI	260 000	630		320 (160)	6800 (47)	40 - 400	35 - 350	
LED 2378	Preimpregnation, RFI	350 000	880		320 (160)	6400 (44)	40 - 400	35 - 350	

\* Values determined on carbon based fibre composite (8 layers) cured in autoclave

Innovium - Low Tg solutions

*Semi-solid epoxy resin film*

Product	Process	Viscosity @ 60°C (mPa.s)	Impact resistance	Recommended cure	Tg °F (°C)	Flexural modulus PSI (MPa)	Flexural strength PSI (MPa)	Film density (g/sqm)	Film thickness (µm)	Comments
LED 5529	Preimpregnation, RFI	Coming soon	Coming soon	1h @ 266°F (130°C)	248 (120)	Coming soon	Coming soon	40 - 400	35 - 350	Semi solid resin films are designed for a simple implementation in common production lines to produce prepreg. On-the-shelf formulations are low tack versions. Tack may be adjusted on-demand. Storage conditions: 6 months at room temperature.
LED 1607	Preimpregnation, RFI	Coming soon	Coming soon		248 (120)	Coming soon	Coming soon	40 - 400	35 - 350	
LED 1608	Preimpregnation, RFI	370 000	Coming soon		248 (120)	Coming soon	Coming soon	40 - 400	35 - 350	