

**Innovium High Tg solutions**

<i>Semi-solid epoxy resin films</i>									
Product	Process	Viscosity @ 60°C (mPa.s)	GC* (J/m²)	Recommended cure	T <sub>g</sub> °C (°F)	Storage modulus* GPa (kPSI)	Film density (g/sqm)	Film thickness (µm)	Comments
LEO 2376	Preimpregnation, RFI	160 000	430	2h @ 130°C (266°F) + 2h @ 200°C (392°F)	160 (320)	50 (7250)	40 - 400	35 - 350	Semi solid resin films are designed for a simple implementation in common production lines to produce prepreg. On-the-shelf formulation are low tack versions. Tack may be adjusted on-demand.
LEO 2377	Preimpregnation, RFI	260 000	630		160 (320)	47 (6800)	40 - 400	35 - 350	
LEO 2378	Preimpregnation, RFI	350 000	880		160 (320)	44 (6400)	40 - 400	35 - 350	
<i>Hotmelt systems</i>									
Product	Process	Viscosity @ 60°C (mPa.s)	GC* (J/m²)	Recommended cure	T <sub>g</sub> °C (°F)	Storage modulus* GPa (kPSI)	Comments		
XIN 2376	Preimpregnation	160 000	430	2h @ 130°C (266°F) + 2h @ 200°C (392°F)	160 (320)	50 (7250)	On-the-shelf formulation are low tack versions. Tack may be adjusted on-demand.		
XIN 2377	Preimpregnation	260 000	630		160 (320)	47 (6800)			
XIN 2378	Preimpregnation	350 000	880		160 (320)	44 (6400)			

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

**Innovium Low Tg solutions**

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