



Innovium - High Tg solutions

<i>Semi-solid epoxy resin films</i>									
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
LEO 2376	Preimpregnation, RFI	160 000	430	2h @ 266°F (130°C) + 2h @ 392°F (200°C)	320 (160)	7250 (50)	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.
LEO 2377	Preimpregnation, RFI	260 000	630		320 (160)	6800 (47)	40 - 400	35 - 350	
LEO 2378	Preimpregnation, RFI	350 000	880		320 (160)	6400 (44)	40 - 400	35 - 350	
Product	Process	Viscosity @ 60°C (mPa.s)	GC* (J/m²)	Recommended cure	Tg °F (°C)				Comments
AKD 2376	Preimpregnation	160 000	430	2h @ 266°F (130°C) + 2h @ 392°F (200°C)	320 (160)	7250 (50)			On-the-shelf formulation are low tack versions. Tack may be adjusted on-demand.
AKD 2377	Preimpregnation	260 000	630		320 (160)	6800 (47)			
AKD 2378	Preimpregnation	350 000	880		320 (160)	6400 (44)			

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

Innovium - Low Tg solutions

<i>Semi-solid epoxy resin film</i>										
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
LEO 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 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		248 (120)	Coming soon	Coming soon	40 - 400	35 - 350	
LEO 1608	Preimpregnation, RFI	370 000	Coming soon		248 (120)	Coming soon	Coming soon	40 - 400	35 - 350	
<i>Hotmelt systems</i>										
Product	Process	Viscosity @ 60°C (mPa.s)	Impact resistance	Recommended cure	Tg °F (°C)	Flexural modulus PSI (MPa)	Flexural strength PSI (MPa)			Comments
AKD 5529	Preimpregnation, RFI	Coming soon	Coming soon	1h @ 266°F (130°C)	248 (120)	Coming soon	Coming soon			Storage conditions: 6 months at room temperature.
AKD 1607	Preimpregnation, RFI	Coming soon	Coming soon		248 (120)	Coming soon	Coming soon			
AKD 1608	Preimpregnation, RFI	370 000	Coming soon		248 (120)	Coming soon	Coming soon			