



Innovium WE : Wind energy applications

Low viscosity systems

Product	Process	Viscosity (mPa.s)	Gel time (min) @ 25°C (77°F)	Recommended cure	T _g (°F)	Flexural modulus MPa (PSI)	Flexural strength MPa (PSI)	Tensile strength MPa (PSI)	Comments
XIN 2070	Infusion	360	65	90 min @ 25°C (77°F); 60 min @ 70°C (158°F)	70 (158)	N.A.	N.A.	N.A.	Very low viscosity. Adjustable pot life
XIN 2078	Wet lay up, Infusion	400	140	3h @ 25°C (77°F) + 8h @ 80°C (176°F)	95 (203)	3400 (493,000)	118 (17,100)	65 (9,400)	
XIN 2478	Wet lay up, Infusion	460	140			3450 (500,000)	120 (17,400)	65 (9,400)	Adjustable pot life upon request, Increased damage resistance

Semi-solid epoxy resin film

Product	Process	Viscosity @ 60°C (mPa.s)	Impact resistance	Recommended cure	T _g (°F)	Flexural modulus MPa (PSI)	Flexural strength MPa (PSI)	Film density (g/sqm)	Film thickness (µm)	Comments
LEO 2529	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 prepreg production lines. On-the-shelf formulations are low tack versions. Tack may be adjusted on-demand. Storage conditions: 6 months at room temperature.
LEO 2607	Preimpregnation, RFI	Coming soon	Coming soon							
LEO 2608	Preimpregnation, RFI	370 000	Coming soon							

Hotmix systems

Product	Process	Viscosity @ 60°C (mPa.s)	Impact resistance	Recommended cure	T _g (°F)	Flexural modulus MPa (PSI)	Flexural strength MPa (PSI)	Comments
XIN 2529	Preimpregnation	Coming soon	Coming soon	1h @ 130°C (266°F)	120 (248°F)	Coming soon	Coming soon	Storage conditions: 6 months at room temperature
XIN 2607	Preimpregnation	Coming soon	Coming soon					
XIN 2608	Preimpregnation	370 000	Coming soon					