

Innovium MOVE : Transportation applications

Product	Process	Viscosity (mPa.s)	Gel time (min) @ 25°C (77°F)	Recommended cure	Tg °C (°F)	Flexural modulus MPa (PSI)	Flexural strength MPa (PSI)	Tensile strength MPa (PSI)	Comments
XIN 9421	Wet lay up, infusion, filament winding	500	135 on 500g	24h @ Room temperature + 8 h @ 60°C (140°F)	80 (176)	3100 (450,000)	120 (17,400)	80 (11,600)	Adjustable pot life upon request
XIN 9422	Wet lay up, infusion, filament winding	600	100 on 500g	24h @ Room temperature + 2 h @ 100°C (212°F)	100 (212)	3400 (493,000)	110 (16,000)	58 (8,400)	
XIN 9423	Wet lay up, RTM	1250	70 on 500g	24h @ Room temperature + 3 h @ 120°C (248°F)	130 (266)	3200 (464,000)	110 (16,000)	58 (8,400)	Adjustable pot life upon request, Increased damage resistance
XIN 9425	Wet lay up, infusion, filament winding	800	135 on 500g	24h @ Room temperature + 3 h @ 120°C (248°F)	80 (176)	3100 (450,000)	125 (18,100)	80 (11,600)	
XIN 9426	Wet lay up, infusion, filament winding	900	100 on 500g	24h @ Room temperature + 2 h @ 100°C (212°F)	100 (212)	3400 (493,000)	113 (16,400)	60 (8,700)	
XIN 9427	Wet lay up, RTM	1400	70 on 500g	24h @ Room temperature + 3 h @ 120°C (248°F)	130 (266)	3250 (471,300)	113 (16,400)	60 (8,700)	
EKKO 3005	Wet lay up, infusion	500	30 on 100g	24h @ Room temperature + 3h @ 60°C (140°F)	70 (158)	2500 (363,000)	95 (14,000)	55 (8,000)	25% bio based
EKKO 3006	Wet lay up, infusion	500	35 on 100g	24h @ Room temperature + 3h @ 60°C (140°F)	60 (140)	1950 (280,000)	NA.	40 (5,800)	40% bio based