

Technical data sheet Telene® 1690 A/B/F

Ref : VA – WM – 2015/02

Properties	Standard N°	Unit	1690
Specific Gravity	ISO 1183		1.235
Tensile Modulus	ISO 527	MPa	3000
Tensile Strength @ Yield	ISO 527	MPa	40
Elongation @ Yield	ISO 527	%	4
Flexural Strength	ISO 178	MPa	75
Flexural Modulus	ISO 178	MPa	3170
Impact Strength (notched Izod) @ +23°C	ISO 180/A	KJ/m ²	10
Glass Transition Temperature	ASTM D790	°C	150
Heat Distortion Temperature (under 1.8 MPa Load)	ISO 75/A-T _{fe} 1,8	°C	135
Linear Thermal Expansion	ISO 11359	m/m/°C	< 50.10 ⁻⁶
Processing Parameters			
Smoke time @ 30°C	Method 4	Sec	100 - 120
Initial Viscosity @ 30°C	Brookfield	Cps	210 to
A & B component	Brookfield	Cps	290
F component			80 to 120
Exotherm Temperature	Method 4	°C	Nd.

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