

Values data sheet Telene®

Ref : VA – WM – 2015/02

Properties	Standard N°	Unit	1650	1651	1620
Specific Gravity	ISO 1183		1.03	1.03	1.03
Tensile Modulus	ISO 527	MPa	1870	1870	Nd.
Tensile Strength @ Yield	ISO 527	MPa	43	43	44
Elongation @ Yield	ISO 527	%	5	5	Nd.
Flexural Strength	ISO 178	MPa	67	67	67
Flexural Modulus	ISO 178	MPa	1850	1850	1850
Impact Strength (notched Izod) @ +23°C	ISO 180/A	KJ/m ²	30	30	22
Rockwell Hardness	ISO 2039-2	HRR	114	114	114
Glass Transition Temperature	Method 1	°C	155	155	Nd.
Heat Distortion Temperature (under 1.8 MPa Load)	ISO 75/A T _{fe} 1,8	°C	120	120	112
Linear Thermal Expansion	ISO 11359	m/m/°C	79 x 10 ⁻⁶	79 x 10 ⁻⁶	79 x 10 ⁻⁶
Processing Parameters					
Smoke time @ 30°C	Method 4	Sec	90 +/- 10	110 +/- 10	90 +/- 10
Initial Viscosity @ 30°C	Brookfield	Cps	310 to 390	310 to 390	210 to 290
Exotherm Temperature	Method 4	°C	> 180	> 180	> 180

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