

Values data sheet Telene[®] 1660 A/BK

Properties	Standard N°	Unit	1660
Specific Gravity	ISO 1183	n.a	1.03
Tensile Modulus	ISO 527	MPa	1840
Tensile Strength @ Yield	ISO 527	MPa	43
Elongation @ Yield	ISO 527	%	5
Flexural Strength	ISO 178	MPa	67
Flexural Modulus	ISO 178	MPa	1850
Compressive Modulus	ISO 604	MPa	1900
Compressive Strength	ISO 604	MPa	70
Impact Strength (notched Izod) @ +23°C	ISO 180/A	KJ/m ²	32
Glass Transition Temperature	Method 1	°C	155
Heat Distortion Temperature (under 1.8 MPa Load)	ISO 75/A T _{fe} 1,8	°C	135
Linear Thermal Expansion	ASTM D696	m/m/°C	79 x 10 ⁻⁶
Processing Parameters			
Smoke time @ 30°C	Method 4	Sec	100 +/- 10
Initial Viscosity @ 30°C	Brookfield	Cps	200 to 300
Exotherm Temperature	Method 4	°C	> 180

Gr/2016