

PA NYLON Glass Fiber

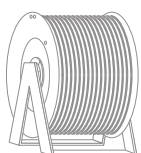
Filament Technical Data Sheet

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TECHNICAL SPECIFICATIONS	VALUE	TEST METHOD - ASTM
Material	Glass Fiber Reinforced Polyammide	-
Density	1,18 g/cm ³	1183
Impact Strenght	80 Kj/m ²	179/2-1eU
Melting Point	180° C	11357
Tensile Modulus	4000 MPa	527
Tensile Strength	95 MPa	527
Shore Hardness	77 MPa	2039-1
Heat Deflection Temp. HDT/A	160° C	75
Thermal Expansion Coefficient	0,1 10 ⁻⁴ /K	11359
Max Usage Temp. Long Term	90° - 120° C	2578
Max Usage Temp. Short Term	150° C	2578D
Dielectric Strength	-	IEC 60243
Specific Volume Resistivity	10 ¹¹ Ωm	IEC 60243
Flammability	HB	1210
Linear Mould Shrinkage	0,5	294



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FILAMENT SPECIFICATIONS**VALUE AND TOLERANCES**

Filament Net Weight	0,5 Kg 1,8 Kg 3 Kg
Roundness Deviation	Max 2%
Color	Semi-Transparent White Black
Diameter	1,75 mm 2,85 mm
Diameter Tolerance	± 0,05 mm
Recommended Printing Temperature	240° - 260° C
Recommended Printing Speed	40 mm/s
Recommended Bed Temperature	20° C (Not Necessary)

