



SHAREBOT

Nylon-carbon: technical detail

Property	Value	Test Method-ISO
Density	1,00 g/cm ³	1183
Melting Point	180°C	11357
Tensile Modulus	6000 Mpa	527
Tensile Strength	100 Mpa	527
Impact Strength	60 kJ/m ²	179/2-1 eU
Ball Indentation Hardness	110 Mpa	2039-1
Heat Deflection Temp. HDT/A	155°C	75
Thermal Expansion Coefficient	0,5 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 ³ Ω m	IEC 60243
Flammability	HB	1210
Linear Mould Shrinkage	0,3	294

NYLONCARBON



Property

Value and Tolerances

Diameter 1,75mm	1,75 ± 0,05mm
Diameter 2,85mm	2,85 ± 0,05mm
Roundness Deviation	Max 2%
Suggested Print Temperature (guideline)	240°C
Suggested Print Speed	40mm/s
Suggested Bed Temperature	20°C (not necessary)

