

PolyOne Lubri-Tech™ NL-20GF/05T Nylon 6/12, Glass Filled, PTFE Lubricated (discontinued **)

Category : Polymer , Thermoplastic , Nylon , Nylon 612

Material Notes:

Description/Features:Glass Fiber ReinforcedPTFE LubricatedInformation provided by PolyOne Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Lubri-Tech-NL-20GF05T-Nylon-612-Glass-Filled-PTFE-Lubricated-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.246 g/cc	1.246 g/cc	ASTM D792
Water Absorption	0.25 % @Thickness 3.17 mm	0.25 % @Thickness 0.125 in	24 hr. Immersion; ASTM D570
Linear Mold Shrinkage	0.0040 - 0.0050 cm/cm	0.0040 - 0.0050 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	93.1 MPa	13500 psi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Elongation at Break	6.0 %	6.0 %	Type 1 - Rigids, 0.2 in/min; ASTM D638
Tensile Modulus	3.45 GPa	500 ksi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Flexural Strength	110 MPa	16000 psi	ASTM D790
Flexural Modulus	3.45 GPa	500 ksi	ASTM D790
Izod Impact, Notched	0.961 J/cm @Thickness 6.35 mm, Temperature 23.0 °C	1.80 ft-lb/in @Thickness 0.250 in, Temperature 73.4 °F	Method A, Injection Molded; ASTM D256

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