

Clariant BRU2000 Nylon 66, Lubricated, Nucleated, Weather Resistant, Black

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Data provided by Clariant Masterbatches

Order this product through the following link:

http://www.lookpolymers.com/polymer_Clariant-BRU2000-Nylon-66-Lubricated-Nucleated-Weather-Resistant-Black.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.012 - 0.017 cm/cm	0.012 - 0.017 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	70.3 MPa	10200 psi	ASTM D638
Elongation at Yield	25 %	25 %	ASTM D638
Flexural Yield Strength	96.5 MPa	14000 psi	ASTM D790
Flexural Modulus	2.62 GPa	380 ksi	ASTM D790
Izod Impact, Notched	0.481 J/cm @Temperature 22.8 °C	0.900 ft-lb/in @Temperature 73.0 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	224 °C	435 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	81.1 °C	178 °F	ASTM D648

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