

Multibase Nylex™ 2185 R20 Natural Polyamide + PP

Category : Polymer , Thermoplastic , Nylon , Polypropylene (PP)

Material Notes:

Forms: Pellets Information provided by Multibase

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Nylex-2185-R20-Natural-Polyamide-PP.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	ASTM 792
Melt Flow	2.68 g/10 min @Load 2.16 kg, Temperature 230 °C	2.68 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	50.3 MPa	7300 psi	ASTM D638
Elongation at Break	16 %	16 %	ASTM D638
Flexural Strength	68.9 MPa	10000 psi	ASTM D790
Flexural Modulus	2.52 GPa	365 ksi	Method I (3 point load), Procedure B); ASTM D790
Izod Impact, Notched	1.43 J/cm	2.67 ft-lb/in	73°F; ASTM D256
Gardner Impact	10.17 J	7.500 ft-lb	ASTM D3029

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