

Multibase Nylex™ 2112 FR V0 Natural Polyamide + PP

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

Material Notes:

Forms: Pellets Processing Methods: Injection Molding Information provided by Multibase

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Nylex-2112-FR-V0-Natural-Polyamide-PP.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.26 g/cc	1.26 g/cc	ASTM 792
Water Absorption	0.050 %	0.050 %	ASTM D570
Linear Mold Shrinkage	0.0090 - 0.013 cm/cm	0.0090 - 0.013 in/in	ASTM D955
Melt Flow	3.5 g/10 min @Load 2.16 kg, Temperature 230 °C	3.5 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	39.6 MPa	5750 psi	ASTM D638
Elongation at Break	20 %	20 %	ASTM D638
Flexural Strength	55.2 MPa	8000 psi	ASTM D790
Flexural Modulus	1.65 GPa	240 ksi	1% Secant; ASTM D790
Izod Impact, Notched	0.374 J/cm	0.700 ft-lb/in	ASTM D256
Gardner Impact	2.260 J	1.667 ft-lb	ASTM D3029

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-0	V-0	0.125 in

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