

Ascend Performance Materials Vydyn[®] M344 BLK Nylon 66, Flame Retardant, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Unreinforced, Flame Retardant

Material Notes:

Vydyn[®] M344 BLK is a halogenated, unfilled, flame-retardant PA66/6 copolymer designed with excellent strength and toughness. It is lubricated for machine feed and easy mold release and has Underwriters Laboratories UL 94 flammability classification of V-0 at 0.4 mm (0.016") thick. Availability: Asia Pacific Europe North America Additive: Halogen Lubricant Features: Ductile Flame Retardant Good Crack Resistance Good Mold Release Good Toughness Halogenated High Elongation Ignition Resistant Low Density Lubricated Uses: Appliances Automotive Electronics Bobbins Connectors Electrical Housing Electrical Parts Electrical/Electronic Applications Fasteners Industrial Applications Lighting Applications Living Hinges Printed Circuit Boards Switches Appearance: Black Forms: Pellets Processing Method: Injection Molding Information provided by Ascend Performance Materials.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ascend-Performance-Materials-Vydyn-M344-BLK-Nylon-66-Flame-Retardant-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.27 g/cc	0.0459 lb/in ³	ISO 1183
Water Absorption	0.80 % @Time 86400 sec	0.80 % @Time 24.0 hour	ISO 62
Moisture Absorption at Equilibrium	1.9 %	1.9 %	50% RH; ISO 62
Linear Mold Shrinkage, Flow	0.013 cm/cm @Diameter 2.00 mm	0.013 in/in @Diameter 0.0787 in	ISO 294-4
Linear Mold Shrinkage, Transverse	0.018 cm/cm @Diameter 2.00 mm	0.018 in/in @Diameter 0.0787 in	ISO 294-4

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	40.0 MPa	5800 psi	ISO 527-2
Elongation at Break	75 %	75 %	ISO 527-2
Elongation at Yield	25 %	25 %	ISO 527-2
Tensile Modulus	2.30 GPa	334 ksi	ISO 527-2
Flexural Strength	43.0 MPa	6240 psi	ISO 178
Flexural Modulus	1.40 GPa	203 ksi	ISO 178

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China