

Ascend Performance Materials Vydyn[®] ECO-315 Nylon 66/6, non-halogenated, ignition resistant, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 6/66 , Nylon 66/6, Unreinforced

Material Notes:

Vydyn[®] ECO315 is non-halogenated, unfilled, flame-retardant PA66/6 copolymer with excellent strength and toughness. It is lubricated for machine feed and has an Underwriters Laboratories UL 94 flammability classification of V-0 at 0.4 mm (0.016") thick. Availability: Asia Pacific Europe North America Additive: Flame Retardant Lubricant Features: Ductile Good Mold Release Halogen Free 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: Natural Color Forms: Pellets Processing Method: Injection Molding Information provided by Ascend

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ascend-Performance-Materials-Vydyn-ECO-315-Nylon-666-non-halogenated-ignition-resistant-Conditioned.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.16 g/cc	1.16 g/cc	ISO 1183
Water Absorption	0.80 %	0.80 %	24 hrs; ISO 62
Moisture Absorption at Equilibrium	2.3 %	2.3 %	Equilibrium at 50%rh; ISO 62
Linear Mold Shrinkage	0.012 cm/cm @Thickness 2.00 mm	0.012 in/in @Thickness 0.0787 in	ISO 294-4
Linear Mold Shrinkage, Transverse	0.014 cm/cm @Thickness 2.00 mm	0.014 in/in @Thickness 0.0787 in	ISO 294-4

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	52.0 MPa	7540 psi	ISO 527-2
Elongation at Break	30 %	30 %	ISO 527-2
Elongation at Yield	20 %	20 %	ISO 527-2
Tensile Modulus	3.50 GPa	508 ksi	ISO 527-2
Flexural Strength	45.0 MPa	6530 psi	ISO 178
Flexural Modulus	1.56 GPa	226 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