

Ascend Performance Materials Vydyne® 63A Nylon 66, General Purpose, medium viscosity, DAM

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Vydyne® 63A is a medium-viscosity resin used for injection-molding and extrusion-compounding. It is desirable to include this neat resin in a formulation in which the melt strength of the final product is critical for the application. Vydyne 63A exhibits good initial color and it has a moisture level below 0.1%. This product offers high strength, rigidity and toughness over a broad range of demanding applications. Resistance of Vydyne 63A to heat, oil and wear is typical of PA66 neat resins. Typical Applications/End Uses: Injection-molding, compounding, extrusion. Availability: Asia Pacific Europe North America Features: Gasoline Resistance General Purpose Good Chemical Resistance Good Color Stability Oil Resistant Solvent Resistant Uses: Compounding General Purpose Appearance: Natural Color Forms: Pellets Processing Method: Compounding and Compounding Extrusion Information provided by Ascend

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ascend-Performance-Materials-Vydyne-63A-Nylon-66-General-Purpose-medium-viscosity-DAM.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	ISO 1183
Bulk Density	0.674 g/cc	0.0243 lb/in ³	ASTM D1895
Relative Viscosity	75 - 90 cP	75 - 90 cP	ASTM D789
Viscosity Measurement	183 - 200	183 - 200	[cm ³ /g], H ₂ SO ₄ (Sulphuric Acid); ISO 307

Thermal Properties	Metric	English	Comments
Melting Point	260 °C	500 °F	ISO 3146

Optical Properties	Metric	English	Comments
Yellow Index	2.0 %	2.0 %	ASTM D1925

Processing Properties	Metric	English	Comments
Moisture Content	0.10 %	0.10 %	ASTM D6869

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