

Ascend Performance Materials Vydne® 52BWMS Nylon 66

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

Material Notes:

Vydne® 52BWMS is a medium-viscosity resin used for extrusion-compounding. It is the product of choice for low-yellowness-required applications. This product with its higher viscosity is a part of 50BW/50BWFS series. It provides melt stability during the compound step to maintain its flow. Resistance of Vydne 52BWMS to heat, oil and wear is typical of PA66 neat resins. Typical Applications/End Uses: Compounding 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 Extrusion Information provided by Ascend Performance Materials.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ascend-Performance-Materials-Vydne-52BWMS-Nylon-66.php

Physical Properties	Metric	English	Comments
Bulk Density	0.674 g/cc	0.0243 lb/in ³	ASTM D1895
Density	1.14 g/cc	0.0412 lb/in ³	ISO 1183
Moisture Absorption	0.350 %	0.350 %	ASTM D6869
Relative Viscosity	50 - 54 cP	50 - 54 cP	Formic Acid; ASTM D789
Viscosity Measurement	146 - 153	146 - 153	Viscosity Number cm ³ /g; H2SO4; ISO 307

Thermal Properties	Metric	English	Comments
Melting Point	260 °C	500 °F	ISO 11357-3

Optical Properties	Metric	English	Comments
Yellow Index	-4.00 %	-4.00 %	ASTM D1925

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