

Ascend Performance Materials Vydyn® 50BWFS Nylon 66, General Purpose

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Vydyn® 50BWFS is a general-purpose PA66 resin. Offered in natural and designed for extrusion-compounding applications, this product is available at two moisture levels: 0.2% (max) as Vydyn 50BW and 0.5% (max) as Vydyn 50BWFS. Vydyn 50BWFS provides the chemical resistance typical of PA66 to many chemicals, machine and motor oils, solvents and gasoline. Vydyn 50BWFS exhibits good initial color and color retention after compounding. Typical Applications/End Uses: CompoundingAvailability:Asia PacificEuropeNorth AmericaFeatures:Gasoline ResistanceGeneral PurposeGood Chemical ResistanceGood Color StabilityOil ResistantSolvent ResistantUses:CompoundingGeneral PurposeAppearance: Natural ColorForms: PelletsProcessing Method: Compounding and Compounding ExtrusionInformation provided by Ascend

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ascend-Performance-Materials-Vydyn-50BWFS-Nylon-66-General-Purpose.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/in³	ASTM D1895
Relative Viscosity	45 - 51 cP	45 - 51 cP	ASTM D789
Viscosity Measurement	137 - 148	137 - 148	sulfuric acid; ISO 307

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

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

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.50 %	<= 0.50 %	ASTM D789

Descriptive Properties	Value	Comments
RV, Formic Acid, ASTM D789	45-51	

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