

Ascend Performance Materials Vydyne® 50BW Nylon 66, General Purpose

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Vydyne® 50BW 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 Vydyne 50BW and 0.5% (max) as Vydyne 50BWFS. Vydyne 50BW provides the chemical resistance typical of PA66 to many chemicals, machine and motor oils, solvents and gasoline. Vydyne 50BW 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-Vydyne-50BW-Nylon-66-General-Purpose.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	ISO 1183
Bulk Density	0.675 g/cc	0.0244 lb/in ³	ASTM D1895
Relative Viscosity	45 - 51 cP	45 - 51 cP	ASDTM 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	<= 0.20 %	<= 0.20 %	ASTM D789

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

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