

Ascend Performance Materials Vydyne® 85XFS Nylon 66/6, General Purpose

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

Material Notes:

Vydyne® 85XFS is a general-purpose PA66/6 resin. It is available in natural and is designed for extrusion-compounding applications. This copolymer PA66/6 resin provides a lower melting point and can be used for compounding thermally sensitive additives or fillers. This resin offers a well balance combination of engineering properties characterized by high strength, rigidity, good toughness, high melt point, good surface lubricity and abrasion resistance. Vydyne 85XFS maintains the chemical resistance typical of PA66/6 to many chemicals, machine and motor oils, solvents and gasoline. Typical Applications/End Uses: CompoundingAvailability:Asia PacificEuropeNorth AmericaFeatures: CopolymerGasoline ResistanceGeneral PurposeGood Abrasion ResistanceGood Chemical ResistanceGood ToughnessHigh RigidityHigh StrengthOil 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-85XFS-Nylon-666-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/in ³	ASTM D1895
Relative Viscosity	44 - 50 cP	44 - 50 cP	ASTM D789
Viscosity Measurement	135 - 146	135 - 146	sulfuric acid; ISO 307

Thermal Properties	Metric	English	Comments
Melting Point	244 °C	471 °F	ISO 11357

Optical Properties	Metric	English	Comments
Yellow Index	4.0 %	4.0 %	ASTM D1925

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

Descriptive Properties	Value	Comments
RV, Formic Acid, ASTM D789	44-50	

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