

Ascend Performance Materials Vydyne® 21Z Nylon 66, General Purpose

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Vydyne® 21Z is a general-purpose PA66 resin. It is available in natural and designed for extrusion-compounding applications. 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 21Z maintains the chemical resistance typical of PA66 to many chemicals, machine and motor oils, solvents and gasoline. Typical Applications/End Uses: CompoundingAvailability:Asia PacificEuropeNorth AmericaFeatures: Gasoline ResistanceGeneral PurposeGood Abrasion ResistanceGood Chemical ResistanceGood ToughnessHigh RigidityHigh StrengthLow ViscosityOil 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-21Z-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/in ³	ASTM D1895
Relative Viscosity	44 - 48 cP	44 - 48 cP	ASTM D789
Viscosity Measurement	135 - 143	135 - 143	sulfuric acid; ISO 307

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

Optical Properties	Metric	English	Comments
Yellow Index	4.0 %	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	44-48	

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