

Vydyne® 31A2

Ascend Performance Materials Operations LLC - Polyamide 66

General Information

Product Description

Vydyne 31A2 is a low-viscosity, general-purpose PA66 resin designed for extrusion-compounding applications. It is available in natural only. Vydyne 31A2 is an ideal feedstock for highly filled products and reactive-compounding applications. It maintains the chemical resistance typical of PA66 to many chemicals, machine and motor oils, solvents and gasoline.

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Features	• Abrasion Resistant	• Good Toughness	• Oil Resistant
	• Chemical Resistant	• High Rigidity	• Solvent Resistant
	• Gasoline Resistant	• High Strength	
	• General Purpose	• Low Viscosity	
Agency Ratings	• ASTM D4066 PA0111	• ASTM D6779 PA0111	• SAE J1639 PA0121
Appearance	• Natural Color		
Forms	• Pellets		
Resin ID	• PA66		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183
Relative Viscosity			
-- ²	2.40		ISO 307
-- ³	40.0		ASTM D789
Moisture Content	< 0.50	%	ASTM D6869
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	500	°F	ISO 11357-3
Optical	Nominal Value	Unit	Test Method
Yellowness Index	0.0	YI	ASTM D1925

Notes

¹ Typical properties: these are not to be construed as specifications.

² Sulphuric Acid

³ Formic Acid

