

Vydyne® 21ZLV

Ascend Performance Materials Operations LLC - *Polyamide 66*

General Information

Product Description

Vydyne 21ZLV is a low-viscosity, general-purpose PA66 resin designed for extrusion-compounding applications. It is available in natural only. Vydyne 21ZLV 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 • Chemical Resistant • Gasoline Resistant • General Purpose	• Good Toughness • High Rigidity • High Strength • Low Viscosity	• Oil Resistant • Solvent Resistant
Agency Ratings	• EC 1935/2004 • EU 10/2011	• EU 2023/2006 • FDA 21 CFR 177.1500	• NSF STD-51 • NSF STD-61
Automotive Specifications	• APTIV M7964A		
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	34.0 to 37.0		ASTM D789
-- ³	112 to 122		ISO 307
Amine End Groups	50	µeq/g	Internal Method
Moisture Content	< 0.35	%	ASTM D6869
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	500	°F	ISO 11357-3
Optical	Nominal Value	Unit	Test Method
Yellowness Index	< 15	YI	ASTM D1925

Notes

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

² Formic Acid

³ Sulphuric Acid

