

Vydyne® 21LS

polyamide 66



Vydyne 21LS is a low-viscosity, general purpose PA66 resin used for extrusion-compounding. Vydyne 21LS enables good blending with shear sensitive materials and high-percent filler concentration where distributive mixing is essential to the final product performance. The compounded product will maintain its high flow and performance needed for the application. Vydyne 21LS offers resistance to heat, oil, and wear in line with PA66 neat resins.

General

Regional Availability	• North America	• Europe	• Asia Pacific
Features	• Abrasion Resistance • General Purpose • High Strength • Solvent Resistant	• Chemical Resistant • Good Toughness • Low Viscosity	• Gasoline Resistant • High Rigidity • Oil Resistant
Agency Rating	• EC, 1935/2004 • FDA, 21 CFR 177.1500	• EU, 10/2011	• EU, 2023/2006
Appearance	• Natural Color		
Forms	• Pellets		

Physical

	dry	cond.	Unit	Test Standard
Density	1.14	-	g/cm ³	ISO 1183
Relative Viscosity, Sulphuric Acid	113 - 120		-	ISO 307
Relative Viscosity, Formic Acid	34.5 - 37.5		-	ASTM D 789
Moisture Content	0.5		%	ASTM D 6869
Yellowness Index	4		YI	ASTM D 1925

Thermal

	dry	cond.	Unit	Test Standard
Melting Temperature	260	*	°C	ISO 11357-3

