

Vydyne® 21Z

polyamide 66



Vydyne 21Z is a general-purpose PA66 resin designed for extrusion and compounding applications. It is available in natural only. This resin offers a good 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.

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 • NSF, STD-51 • EU, 2023/2006	• EU, 10/2011 • ASTM, D4066 PA0111	• FDA, 21 CFR 177.1500 • ASTM, D6779 PA0111
Appearance	• Natural Color		
Forms	• Pellets		

Physical	dry	cond.	Unit	Test Standard
Density	1.14	-	g/cm ³	ISO 1183
Relative Viscosity, Sulphuric Acid	135 - 143		-	ISO 307
Relative Viscosity, Formic Acid	44 - 48		-	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

