

Vydyne® 50BW

polyamide 66



Vydyne 50BW is a general-purpose PA66 resin designed for extrusion-compounding applications. It is offered in natural only and exhibits ideal white color and good color retention after compounding. This product is available at two moisture levels: 0.2% (max) as Vydyne 50BW and 0.5% (max) as Vydyne 50BWFS. Vydyne 50BW provides 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	• Chemical Resistant • Good Color Stability	• Gasoline Resistant • Oil Resistant	• General Purpose • Solvent Resistant
Agency Rating	• ASTM, D4066 PA0111 • EU, 10/2011 • NSF, STD-51	• ASTM, D6779 PA0111 • EU, 2023/2006	• EC, 1935/2004 • FDA, 21 CFR 177.1500
Appearance	• Natural Color		
Forms	• Pellets		
Processing Method	• Other Extrusion		

Physical	dry	cond.	Unit	Test Standard
Density	1.14	-	g/cm ³	ISO 1183
Relative Viscosity, Sulphuric Acid	137 - 148		-	ISO 307
Relative Viscosity, Formic Acid	45 - 51		-	ASTM D 789
Moisture Content	0.2		%	ASTM D 6869
Yellowness Index	-4		YI	ASTM D 1925

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

