Vydyne® 50BWFS

polyamide 66

Vydyne 50BWFS 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, D6779 PA0111 • FDA, 21 CFR 177.1500 • ASTM, D4066 PA0111	• EC, 1935/2004 • NSF, STD-51 • EU, 2023/2006	• EU, 10/2011 • NSF, STD-61
Appearance	• Natural Color		
Forms	• Pellets		
Processing Method	• Other Extrusion		

Physical	dry	cond.	Unit	Test Standard
Density	1.14	-	g/cm³	ISO 1183
Relative Viscosity, Sulphuric Acid	137 - 148		-	ISO 307
Relative Viscosity, Formic Acid	45 - 51		-	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

North America
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Europe
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Asia
+86 21 2315 0888

Disclaimer

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CAUTION: Do not use Ascend Performance Materials Operations MED grades in medical applications involving implantation in the human body or contact with internal body fluids or tissues for extended periods of time.

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