

Vydyne® 88X

polyamide 66/6 copolymer



Vydyne 88X is a medium-viscosity PA66/6 random copolymer used for extrusion-compounding. It provides benefits for compounds containing heat-sensitive additives and for end applications that require good surface finish. This copolymer is specifically designed to be used with FR packages and high mineral loadings. Vydyne 88X is the product of choice for low-yellowness-required applications.

Vydyne 88X maintains the chemical resistance typical of PA66/6 to many chemicals, machine and motor oils, solvents and gasoline.

Typical Applications/End Uses:
Compounding

General				
Material Status	• Commercial: Active			
Availability	• Asia Pacific	• Europe	• North America	
Features	• Copolymer • Gasoline Resistance • General Purpose • Good Abrasion Resistance	• Good Chemical Resistance • Good Toughness • High Rigidity • High Strength	• Oil Resistant • Solvent Resistant	
Uses	• Compounding	• General Purpose		
Agency Ratings	• EC 1935/2004 • EU 10/2011	• EU 2023/2006 • FDA 21 CFR 177.1500		
Appearance	• Natural Color			
Forms	• Pellets			
Processing Method	• Compounding	• Compounding Extrusion		
Physical		Nominal Value	Unit	Test Method
Density		1.14	g/cm ³	ISO 1183
Viscosity Number (H ₂ SO ₄ (Sulphuric Acid))		137 to 148	cm ³ /g	ISO 307
Bulk Density		674	g/l	ASTM D1895
Moisture Content		0.50	%	ASTM D6869
Relative Viscosity ²		45.0 to 51.0		ASTM D789
Thermal		Nominal Value	Unit	Test Method
Melting Temperature		491	°F	ISO 11357-3
Optical		Nominal Value	Unit	Test Method
Yellowness Index		-4.0	YI	ASTM D1925

Notes

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

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² Formic acid



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