

Vydyne® 86XFS

polyamide 66



Vydyne 86XFS is a general purpose PA66/6 copolymer resin designed for extrusion-compounding applications. It is available in natural only. This copolymer resin provides a lower melting point and can be used for compounding thermally sensitive additives or fillers. It offers a well balanced combination of engineering properties characterized by high strength, rigidity, good toughness, high melt point, good surface lubricity, and abrasion resistance. Vydyne 86XFS exhibits chemical resistance to many chemicals, machine and motor oils, solvents, and gasoline.

General

Regional Availability	• North America	• Europe	• Asia Pacific
Features	• Abrasion Resistance • Gasoline Resistant • High Rigidity • Solvent Resistant	• Chemical Resistant • General Purpose • High Strength	• Copolymer • Good Toughness • Oil Resistant
Agency Rating	• EU, 10/2011	• EC, 1935/2004	• EU, 2023/2006
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	0.5		%	ASTM D 6869
Yellowness Index	4		YI	ASTM D 1925

Thermal	dry	cond.	Unit	Test Standard
Melting Temperature	235	*	°C	ISO 11357-3

