

Vydyne® 31A1

polyamide 66



Vydyne 31A1 is a general-purpose PA66 resin designed for extrusion-compounding applications. 31A1 is natural in color and exhibits good color retention after compounding. Vydyne 31A1 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	• ASTM, D6779 PA0111	• SAE, J1639 PA0121
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	2.7		-	ISO 307
Relative Viscosity, Formic Acid	48		-	ASTM D 789
Moisture Content	≤ 0.5		%	ASTM D 6869
Yellowness Index			YI	ASTM D 1925

Thermal

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

