

Vydyne® RF005Z

polyamide 66



Vydyne RF005Z is a 25% glass fiber reinforced PA66 extrusion resin.

General				
Regional Availability	• North America	• Europe	• Asia Pacific	
Additive	• Lubricant			
Features	• Good Stiffness	• High Molecular Weight	• High Viscosity	
	• Lubricated			
Appearance	• Natural Color			
Forms	• Pellets			
Processing Method	• Profile Extrusion			
Physical	dry	cond.	Unit	Test Standard
Density	1.32	-	g/cm³	ISO 1183
Mechanical	dry	cond.	Unit	Test Standard
Tensile Stress (Break, 23°C)	150	-	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	2.8	-	%	ISO 527-2
Flexural Modulus (23°C)	6600	-	MPa	ISO 178
Flexural Strength (23°C)	200	-	MPa	ISO 178
Impact	dry	cond.	Unit	Test Standard
Notched Izod Impact Strength, +23°C	7	-	kJ/m²	ISO 180/1A
Unnotched Izod Impact Strength, +23°C	40	-	kJ/m²	ISO 180/1U
Thermal	dry	cond.	Unit	Test Standard
Heat Deflection Temperature, 1.80 MPa, Unannealed	232	-	°C	ISO 75-2/A

