

VINPOL™ PA635GFHY

35% Glass Filled, Heat Stabilized Polyamide 6

35% Glass Filled

Heat Stabilized

VINPOL PA635GFHY is a 35% glass filled, heat stabilized polyamide 6 product in black color.

Resin Property	Typical Value	Units	Test Method
Specific Gravity	1.40	-	ASTM D-792
Tensile Strength at Yield	28,000 (190)	psi (MPa)	ASTM D-638
Tensile Elongation	3.0	%	ASTM D-638
Flexural Modulus	1,500,000 (10,300)	psi (MPa)	ASTM D-790
Flexural Strength	40,000 (280)	psi (MPa)	ASTM D-790
Notched Izod Impact	2.5 (130)	ft-lb/in (J/m)	ASTM D-256
Heat Deflection Temperature, 66 psi	425 (218)	°F (°C)	ASTM D-648
Heat Deflection Temperature, 264 psi	410 (210)	°F (°C)	ASTM D-648

Drying conditions: 180°F for 2-4 hrs, depending on moisture content. Max moisture content = 0.20%.

Processing Conditions: Injection molding melt temperature: 500-560°F. Injection molding mold temperature: 80-180°F.

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