

VinPol™ PA615GFHY

15% Glass Filled Polyamide 6

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VINPOL PA615GFY is a 15% glass filled polyamide 6 product in black color.

Resin Property	Typical Value	Units	Test Method
Specific Gravity	1.24	-	ASTM D-792
Tensile Strength at Yield	18,200 (125)	psi (MPa)	ASTM D-638
Tensile Elongation	4.0	%	ASTM D-638
Flexural Modulus	830,000 (5,720)	psi (MPa)	ASTM D-790
Flexural Strength	28,000 (190)	psi (MPa)	ASTM D-790
Notched Izod Impact	1.6 (85)	ft-lb/in (J/m)	ASTM D-256
Heat Deflection Temperature, 66 psi	420 (216)	°F (°C)	ASTM D-648
Heat Deflection Temperature, 264 psi	390 (199)	°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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