



VINPOL™ PA6630GFHY

30% Glass Filled, Heat Stabilized, Lubricated Polyamide 66

30% Glass Filled

Enhanced Flow, Heat Stabilized, Lubricated

VINPOL PA6630GFHY is a 30% glass filled, enhanced flow, heat stabilized, and lubricated polyamide 66 resin in black color designed for injection molded applications.

Resin Property	Typical Value	Units	Test Method
Specific Gravity	1.36	g/cm ³	ASTM D-792
Tensile Strength @ Yield	27,000 (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	39,500 (270)	psi (MPa)	ASTM D-790
Notched Izod Impact, RT, 1/8" bar	2.0 (107)	ft-lb/in (J/m)	ASTM D-256
Deflection Temperature, 66 psi, 1/8" bar	495 (257)	°F (°C)	ASTM D-648
Deflection Temperature, 264 psi, 1/8" bar	475 (246)	°F (°C)	ASTM D-648

Note: Recommended drying conditions: 180 °F, 2 to 4 hours. Max moisture = 0.20%. Recommended processing conditions: melt temperature 520-560 °F, mold temperature 80-140°F, back pressure 50 psi

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