

VINPOL™ PA630GFHY

30% Glass Filled, Heat Stabilized Polyamide 6

30% Glass Filled

Heat-Stabilized

VINPOL PA630GFHY is a 30% glass fiber filled, heat-stabilized polyamide 6 resin designed for injection molded applications in black color. Lubricated and non-lubricated options are available.

Resin Property	Typical Value	Units	Test Method
Specific Gravity	1.36	g/cm ³	ASTM D-792
Tensile Strength @ Yield	25,500 (176)	psi (MPa)	ASTM D-638
Tensile Elongation	3.25	%	ASTM D-638
Flexural Modulus	1,300,000 (8,963)	psi (MPa)	ASTM D-790
Flexural Strength	38,000 (262)	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	500 (260)	°F (°C)	ASTM D-648
Deflection Temperature, 264 psi, 1/8" bar	480 (249)	°F (°C)	ASTM D-648
Flame Resistance	HB	-	UL94

Note: Recommended drying conditions: 180 °F, 2 to 4 hours. Max moisture = 0.20%. Recommended processing conditions: melt temperature 500-560 °F, mold temperature 80-180°F, back pressure 50 psi

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