

VINPOL™ PA6633GFHY

33% Glass Filled, Heat Stabilized, Lubricated Polyamide 66

33% Glass Filled

Heat Stabilized,
Lubricated

VINPOL PA6633GFHY is a 33% glass filled, heat stabilized, and lubricated polyamide 66 resin designed for injection molded applications available in black color.

Resin Property	Typical Value	Units	Test Method
Density	1.38	kg/m ³	ASTM D-792
Filler/Reinforcement	33	%	ASTM D-2584
Tensile Strength @ Yield, 73 °F	29,500	psi	ASTM D-638
Tensile Elongation	3.0	%	ASTM D-638
Flexural Modulus	1,600,000	psi	ASTM D-790
Flexural Strength	42,000	psi	ASTM D-790
Notched Izod Impact, 1/8" bar	2.5	ft-lb/in	ASTM D-256
Deflection Temperature, 66 psi, 1/8" bar	500	°F	ISO 75-2/A
Deflection Temperature, 264 psi, 1/8" bar	480	°F	ISO 75-2/A

Note: Recommended drying conditions: 180 °F, 2 to 4 hours. Recommended processing conditions: barrel/nozzle 520-560 °F, mold 80-140°F, back pressure 50 psi

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