

VINPOL™ PA630GF Series

30% Glass Filled Polyamide 6

30% Glass Filled

Modified PA6

VINPOL PA630GF Series is a 30% glass fiber filled, modified polyamide 6 resin designed for injection molded applications. The product has good dimensional stability and high-cost performance, suitable for use in automotive parts, and electrical fields. The product is available in natural (**VINPOL PA630GF**) and black (**VINPOL PA630GFY**) colors and can also be adjusted according to the requirements.

Resin Property	Typical Value	Units	Test Method
Density	1.36	kg/m ³	ISO 1183
Tensile Stress, 20 mm/min	165	MPa	ISO 527-1
Strain at Break, 20 mm/min	3.0	%	ISO 527-1
Flexural Modulus, 5 mm/min	8,620	MPa	ISO 178
Charpy Notched Impact Strength, 23°C	10.7	kJ/m ²	ISO 179/1eA
Izod Notched Impact Strength, 23°C	10.5	kJ/m ²	ISO 180/1A
Melting Temperature, 10°C/min	220	°C	ISO 11357-1/-3
Deflection Temperature, 1.80MPa	205	°C	ISO 75-1/-2
Horizontal Burning Test, 1.5 mm	HB	-	UL 94

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