



VINPOL™ PA6633GFH

33% Glass Filled, Heat Stabilized Polyamide 66

33% Glass Filled

Heat-Aging Stabilized

VINPOL PA6633GFH is a 30% glass filled, heat-aging stabilized polyamide 66 resin designed for injection molded applications.

Resin Property	Typical Value	Units	Test Method
Mold shrinkage, 1/8"	0.4-0.7	%	ISO 294
Tensile Modulus, 23°C	11,000	MPa	ISO 527
Tensile Strength, 23°C	205	MPa	ISO 527
Elongation at break, 23°C	3	%	ISO 527
Notched Izod notched impact strength, 23°C	12	kJ/m ²	ISO 180
Notched Izod notched impact strength, -30°C	11	kJ/m ²	ISO 180
Flexural modulus, 23°C	10,400	MPa	ISO 178
Flexural strength, 23°C	280	MPa	ISO 178
Rockwell Hardness	120	R Scale	ISO 2039
Melting Temperature, 10°C/min	260	°C	ISO 11357
Heat Deflection Temperature under Load, 0.45MPa	260	°C	ISO 75, Flatwise
Heat Deflection Temperature under Load, 1.8MPa	250	°C	ISO 75, Flatwise
Coefficient of linear thermal expansion	-	10 ⁻⁵ /K	ISO 11359
Flammability	HB	-	UL94
Moisture absorption, 24 hr immersion	0.8	%	ISO 62
Specific Gravity	1.4		ISO 1183

