

Envir® PA6G33-BK1304

Polyamide 6

Barnet

Message:

Envir® PA6G33-BK1304 is a 33% Glass fiber reinforced Nylon 6 molding resin. PA6G33 is an excellent utility grade compound that is optimized for high properties. It is provided Black in color.

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm ³	ASTM D792
Ash Content	33	%	ASTM D5630
Granularity	3.00	g/100 pellets	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	85		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10700	MPa	ISO 527-2
Tensile Stress (Break)	180	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	10900	MPa	ISO 178
Flexural Stress	275	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	13	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength (23°C)	70	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	200	°C	ISO 75-2/A
Peak Melting Temperature	220	°C	ASTM D3418

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Recommended distributors for this material

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