

Envir® PA6G33VL-BK0801

Polyamide 6

Barnet

Message:

Envir® PA6G33VL-BK0801 is a 33% Glass fiber reinforced Nylon 6 molding resin. It is a Value added "upcycled" compound with a good balance of properties. 6G33VL incorporates a high recycled material content, giving it a truly "green" appeal. It is provided Black in color.

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Features	Recyclable Material		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm ³	ASTM D792
Ash Content	33	%	ASTM D5630
Moisture Content	< 0.20	%	ASTM D6980
Granularity	3.50	g/100 pellets	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10200	MPa	ISO 527-2
Tensile Stress (Break)	135	MPa	ISO 527-2
Tensile Strain (Break)	2.1	%	ISO 527-2
Flexural Modulus	9650	MPa	ISO 178
Flexural Stress	195	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	8.0	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength (23°C)	38	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	220	°C	ASTM D3418

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Recommended distributors for this material

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