

Envir® PA6G33TL-BK0801

Polyamide 6

Barnet

Message:

Envir® PA6G33TL-BK0801 is a 33% Glass fiber reinforced Nylon 6 molding resin. 6G33TL is optimized for large part setup and demolding while providing a good balance of flow and mechanical properties. It is provided Black in color.

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Features	Good Flow		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm ³	ASTM D792
Melt Volume-Flow Rate (MVR) (235°C/2.16 kg)	5.00	cm ³ /10min	ASTM D1238
Ash Content	33	%	ASTM D5630
Moisture Content	< 0.18	%	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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