

Envir® PA66G33HL-BK0101

Polyamide 66

Barnet

Message:

Envir® PA66G33HL-BK0101 is a 33% Glass fiber reinforced Nylon 66 molding resin, it is Heat stabilized and hydrolysis resistant. 66G33HL is optimized for properties and processability. It is provided Black in color.

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Additive	Heat Stabilizer Hydrolysis Resistant		
Features	Good Processability Heat Stabilized Hydrolysis Resistant		
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	9880	MPa	ISO 527-2
Tensile Stress (Break)	180	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	10300	MPa	ISO 178
Flexural Stress	280	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	11	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength (23°C)	60	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	260	°C	ASTM D3418

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Recommended distributors for this material

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