

# Envir® PA66G15VHL-BK0704

Polyamide 66

Barnet

## Message:

Envir® PA66G15VHL-BK0704 is a 15% Glass fiber reinforced Nylon 66 molding resin that is also Toughened. 66G15VHL offers a good balance of properties and excellent processability. It is a value added "upcycled" resin with a truly "green" appeal. It is provided Black in color.

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Features	Good Processability		
	Recyclable Material		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm <sup>3</sup>	ASTM D792
Melt Volume-Flow Rate (MVR) (235°C/2.16 kg)	20.0	cm <sup>3</sup> /10min	ASTM D1238
Ash Content	15	%	ASTM D5630
Moisture Content	< 0.20	%	ASTM D6980
Granularity	3.40	g/100 pellets	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5500	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	95.0	MPa	
Break	93.0	MPa	
Tensile Strain (Break)	3.5	%	ISO 527-2
Flexural Modulus	4900	MPa	ISO 178
Flexural Stress	150	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	8.0	kJ/m <sup>2</sup>	ISO 180/A
Unnotched Izod Impact Strength (23°C)	40	kJ/m <sup>2</sup>	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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