

Envir® PA66G25HL-BK0101

Polyamide 66

Barnet

Message:

Envir® PA66G25HL-BK0101 is a 25% Glass fiber reinforced Nylon 66 molding resin, it is Heat stabilized and hydrolysis resistant. 66G25HL is optimized for strength and processability while offering low volatiles in extrusion applications. It is provided Black in color.

General Information			
Filler / Reinforcement	Glass Fiber,25% 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	1.33	g/cm ³	ASTM D792
Melt Volume-Flow Rate (MVR) (280°C/2.16 kg)	10.0	cm ³ /10min	ASTM D1238
Ash Content	25	%	ASTM D5630
Moisture Content	< 0.15	%	ASTM D6980
Granularity	3.00	g/100 pellets	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	8860	MPa	ISO 527-2
Tensile Stress (Break)	155	MPa	ISO 527-2
Tensile Strain (Break)	3.5	%	ISO 527-2
Flexural Modulus	8250	MPa	ISO 178
Flexural Stress	245	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	8.4	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength (23°C)	50	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	258	°C	ASTM D3418

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

