

Envir® PA66T2HL-BK0603

Polyamide 66

Barnet

Message:

Envir® PA66T2HL-BK0603 is a highly Toughened Nylon 66 molding resin, it is Heat stabilized and Lubricated for high performance and processing. 66T2HL offers a versatile balance of strength and toughness, it is provided Black in color.

General Information			
Additive	Heat Stabilizer		
	Lubricant		
Features	Balanced Stiffness/Toughness		
	Good Processability		
	Heat Stabilized		
	Lubricated		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11	g/cm ³	ASTM D792
Melt Volume-Flow Rate (MVR) (275°C/5.0 kg)	30.0	cm ³ /10min	ASTM D1238
Moisture Content	< 0.20	%	ASTM D6980
Granularity	1.50	g/100 pellets	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2580	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	60.0	MPa	
Break	50.0	MPa	
Tensile Strain			ISO 527-2
Yield	4.3	%	
Break	28	%	
Flexural Modulus	2380	MPa	ISO 178
Flexural Stress	92.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	18	kJ/m ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	260	°C	ASTM D3418

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