

Envir® PA6N3L-BK0305

Polyamide 6
Barnet

Message:

Envir® PA6N3L-BK0305 is a General Purpose Nylon 6 molding resin. 6N3L is Nucleated and Lubricated for fast molding cycle times and easy processing. It is provided Black in color.

General Information			
Additive	Lubricant		
	Nucleating Agent		
Features	Fast Molding Cycle		
	Good Processability		
	Lubricated		
	Nucleated		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm³	ASTM D792
Melt Volume-Flow Rate (MVR) (235°C/2.16 kg)	20.0	cm³/10min	ASTM D1238
Ash Content	< 0.50	%	ASTM D5630
Moisture Content	< 0.20	%	ASTM D6980
Granularity	1.50	g/100 pellets	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3300	MPa	ISO 527-2
Tensile Stress (Yield)	78.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	4.5	%	
Break	17	%	
Flexural Modulus	3030	MPa	ISO 178
Flexural Stress	113	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	3.5	kJ/m²	ISO 180/A
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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