

Bapolene® HD0760 (Monofilament)

High Density Polyethylene

Bamberger Polymers, Inc.

Message:

Bapolene HD0760 is a high density polyethylene homopolymer which offers good processability and high production rates. It is recommended for monofilament applications.

General Information			
Features	Good Processability		
	Homopolymer		
Uses	Monofilaments		
	Rope		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.70	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	29.0	MPa	ASTM D638
Tensile Elongation ² (Break)	490	%	ASTM D638
Flexural Modulus - Tangent ³	1450	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	190	J/m	ASTM D256
Tensile Impact Strength	193	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	115	°C	ASTM D648
Brittleness Temperature	-75.0	°C	ASTM D746
Vicat Softening Temperature	130	°C	ASTM D1525
NOTE			
1.	20 mm/min		
2.	20 mm/min		
3.	Method I (3 point load)		

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Recommended distributors for this material

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