

Hostacom BA16G

Polypropylene Copolymer
LyondellBasell Industries

Message:

Hostacom BA16G fractional melt flow, 1,000 MPa flexural modulus, UV-stabilized, extrusion grade polypropylene copolymer has a good balance of flexibility, impact resistance, colorability and processability. It was designed for extruded components that require long periods of outdoor service.

General Information			
Additive	UV Stabilizer		
Features	Copolymer		
	Good Colorability		
	Good Flexibility		
	Good Processability		
	Good UV Resistance		
	Good Weather Resistance		
	High Impact Resistance		
	Low Flow		
Uses	Outdoor Applications		
	Profiles		
	Reinforced Panels		
	Sheet		
Forms	Pellets		
Processing Method	Extrusion		
	Pipe Extrusion		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.890	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.50	g/10 min	ASTM D1238
Molding Shrinkage - Flow ¹ (23°C, 48 hr, 3.20 mm)	1.4	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	71		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	28.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	12	%	
Break	600	%	

Flexural Modulus	1000	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	530	J/m	ASTM D256A
Gardner Impact (23°C)	36.0	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	73.0	°C	
1.8 MPa, Unannealed	48.0	°C	
NOTE			
1.	100x150x3.2 mm		

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