

YUPLENE® BH3500

Polypropylene Impact Copolymer

SK Global Chemical

Message:

YUPLENE BH3500 is an ultra high impact propylene copolymer designed for injection molding and compounding applications. YUPLENE BH3500 has excellent properties in impact strength as well as stiffness, flow, mechanical properties and heat resistance, which make YUPLENE BH3500 suitable for auto parts, electric appliances, large size containers, thin wall and very high speed injection applications.

General Information			
Features	Good Stiffness		
	High Flow		
	High Heat Resistance		
	Impact Copolymer		
	Ultra High Impact Resistance		
Uses	Appliances		
	Automotive Applications		
	Containers		
	Electrical/Electronic Applications		
	Industrial Parts		
Processing Method	Thin-walled Parts		
	Compounding		
Injection Molding			
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Spiral Flow	> 80.0	cm	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	82		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	22.6	MPa	ASTM D638
Tensile Elongation (Break)	< 500	%	ASTM D638
Flexural Modulus	1180	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	> 490	J/m	ASTM D256
Aging	Nominal Value	Unit	Test Method
Oven Aging - in Air (150°C)	15.0	day	ASTM D3012
Heat Deflection Temperature	110	°C	ASTM D648
Thermal	Nominal Value	Unit	Test Method

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Recommended distributors for this material

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