YUPLENE® BX3500H

Polypropylene Impact Copolymer

SK Global Chemical

Message:

YUPLENE BX3500H is an high crystalline impact propylene copolymer designed for injection molding and compounding applications. YUPLENE BX3500H has excellent properties in impact strength as well as stiffness, flow, mechanical properties and heat resistance, which make YUPLENE BX3500H suitable for auto parts, electric appliances, large size containers, thin wall and very high speed injection applications

General Information	
Features	Good Flow Good Stiffness High Heat Resistance High Impact Resistance Highly Crystalline Impact Copolymer
Uses	Appliances Automotive Applications Containers Electrical/Electronic Applications Industrial Parts Thin-walled Parts
Processing Method	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)	100		ASTM D785
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	32.4	MPa	ASTM D638
Tensile Elongation (Break)	< 300	%	ASTM D638
Flexural Modulus	1670	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact			ASTM D256
-20°C	59	J/m	
23°C	> 98	J/m	
Aging	**Nominal Value**	**Unit**	**Test Method**

Oven Aging - in Air (150°C)	15.0	day	ASTM D3012
Heat Deflection Temperature	135	°C	ASTM D648
Thermal	**Nominal Value**	**Unit**	**Test Method**
Vicat Softening Temperature	155	°C	ASTM D1525

Recommended distributors for this material

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