YUPLENE® BH3720

Polypropylene Impact Copolymer

SK Global Chemical

Message:

YUPLENE BH3720 is an ultra high impact propylene copolymer designed for injection molding and compounding applications. YUPLENE BH3720 has excellent properties in impact strength as well as stiffness, mechanical properties and good dimensional stability, which make YUPLENE BH3720 suitable for auto parts, electric appliances, battery cases and various containers.

General Information	
Features	Good Dimensional Stability
	Good Stiffness
	Impact Copolymer
	Ultra High Impact Resistance
Uses	Appliances
	Automotive Applications
	Battery Cases
	Compounding
	Containers
	Electrical/Electronic Applications
	Industrial Applications
Processing Method	Compounding
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Spiral Flow	> 70.0	cm	Internal Method
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	72		ASTM D785
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	21.6	MPa	ASTM D638
Tensile Elongation (Break)	< 300	%	ASTM D638
Flexural Modulus	981	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact			ASTM D256
-20°C	69	J/m	
23°C	> 490	J/m	
Aging	**Nominal Value**	**Unit**	**Test Method**
Accelerated Oven Aging - in Air (150°C)	15.0	day	ASTM D3012

Heat Deflection Temperature	110	°C	ASTM D648
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	150	°C	ASTM D1525

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

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