

# YUPLENE® BH3820

Polypropylene Impact Copolymer

SK Global Chemical

Message:

YUPLENE BH3820 is an ultra high impact propylene copolymer designed for injection molding and compounding applications. YUPLENE BH3820 has excellent properties in impact strength as well as stiffness, flow, mechanical properties and heat resistance, which make YUPLENE BH3820 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		
	Impact Copolymer		
	Ultra High Impact Resistance		
Uses	Appliances		
	Automotive Applications		
	Compounding		
	Containers		
	Electrical/Electronic Applications		
	Industrial Applications		
	Thin-walled Parts		
Processing Method	Compounding		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	28	g/10 min	ASTM D1238
Spiral Flow	> 80.0	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)	20.6	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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### 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

