

Data Sheet

Date Prepared:

# HSPB BH3820

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.

### Application

Injection / Automobile applications, Home appliances, Industrial parts for electronic

### Characteristics

Very high Impact Strength

### Physical Properties

	Value	Unit	Test Method
Melt Index	28	g/10min	ASTM D1238
IZOD Impact Strength(Notched, 23°C)	>50(NB)	kg·cm/cm	ASTM D256
IZOD Impact Strength(Notched, -20°C)	7	kg·cm/cm	ASTM D256
Softening Point(Vicat)	150	°C	ASTM D1525
Tensile Strength at Yield	210	kg/cm <sup>2</sup>	ASTM D638
Elongation at Break	<300	%	ASTM D638
Flexural Modulus	10000	kg/cm <sup>2</sup>	ASTM D790
Heat Distortion Temperature	110	°C	ASTM D648
Accelerated Oven Aging(in Air at 150°C)	360	hr	ASTM D3012
Hardness(Rockwell)	72	R Scale	ASTM D785
Spiral Flow	>800	mm	SK Method

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