

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

High Impact Strength, High Flowability

Physical Properties

	Value	Unit	Test Method
Melt Index (2.16kg, 230°C)	28	g/10min	ASTM D1238
Tensile Strength at Yield	180	kg/cm ²	ASTM D638
Elongation at Break	<300	%	ASTM D638
Flexural Modulus	9000	kg/cm ²	ASTM D790
Izod Impact Strength (Notched, 23°C)	>50 (N.B.)	kg·cm/cm	ASTM D256
Izod Impact Strength (Notched, -20°C)	6.0	kg·cm/cm	ASTM D256
Hardness (Rockwell)	65	R Scale	ASTM D785
Softening Point (Vicat)	140	°C	ASTM D1525
Heat Distortion Temperature (0.45Mpa)	70	°C	ASTM D648

* These are typical properties only, and are not to be construed as specific limits

** Processing method: Injection Molding