

HSPB BH3500

YUPLENE BH3500 is an ultra high impact propylene copolymer designed for injection molding and compounding applications. YUPLENE BH3500 has excellent properties in impact strength as well as stiffness, flow, mechanical properties and heat resistance, which make YUPLENE BH3500 suitable for auto parts, electric appliances, large size containers, thin wall and very high speed injection applications.

Application
Injection Molding / automobile applications
industrial parts for electronic, large container

Characteristics
 High Impact strength

Physical Properties

	Value	Unit	Test Method
Melt Index	10	g/10min	ASTM D1238
Softening Point (Vicat)	150	°C	ASTM D1525
Tensile Strength at Yield	230	kg/cm ²	ASTM D638
Elongation at Break	<500	%	ASTM D638
IZOD Impact Strength (Notched, 23°C)	>50(N.B.)	kg-cm/cm	ASTM D256
Spiral Flow	>800	mm	SK Method
Flexural Modulus	12000	kg/cm ²	ASTM D790
Hardness(Rockwell)	82	R Scale	ASTM D785
Heat Distortion Temperature	110	°C	ASTM D648
Accelerated Oven Aging at 150°C	360	hr	ASTM D3012

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