

HSPP 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, Dimensional Stability

Physical Properties

	Value	Unit	Test Method
Melt Index	10.0	g/10min	ASTM D1238
Softening Point (Vicat)	150	°C	ASTM D1525
Tensile Strength at Yield	210	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
Izod Impact Strength (Notched, -20°C)	8.0	kg·cm/cm	ASTM D256
Flexural Modulus	11500	kg/cm ²	ASTM D790
Hardness (Rockwell)	80	R Scale	ASTM D785
Heat Distortion Temperature	90	°C	ASTM D648
Spiral Flow	>600	mm	SK Method
Accelerated Oven Aging at 150°C	360	hr	ASTM D3012

ISO 9001 Certified

