

HSPP BH3800

YUPLENE BH3800 is an ultra high impact propylene copolymer designed for injection molding and compounding applications. YUPLENE BH3800 has excellent properties in stiffness, flow and impact strength, which make YUPLENE BH3800 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 Stiffness, High Impact Strength, High Flowability

Physical Properties

	Value	Unit	Test Method
Melt Index	28	g/10min	ASTM D1238
Softening Point (Vicat)	150	°C	ASTM D1525
Tensile Strength at Yield	190	kg/cm ²	ASTM D638
Elongation at Break	<200	%	ASTM D638
Izod Impact Strength (Notched, 23°C)	>50 (N.B.)	kg·cm/cm	ASTM D256
Izod Impact Strength (Notched, -20°C)	7.0	kg·cm/cm	ASTM D256
Flexural Modulus	11000	kg/cm ²	ASTM D790
Hardness (Rockwell)	80	R Scale	ASTM D785
Heat Distortion Temperature	85	°C	ASTM D648
Spiral Flow	>700	mm	SK Method
Accelerated Oven Aging at 150°C	360	hr	ASTM D3012

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

ISO 9001 Certified

