



HIGH IMPACT PP

BH3500

Description

YUPLENE BH3500 is an ultra high impact propylene copolymer designed for injection molding applications. YUPLENE BH3500 has excellent properties in impact strength as well as stiffness, mechanical properties and good dimensional stability, which make YUPLENE BH3500 suitable for toys, electric appliances, home appliances and various containers.

Application

Injection Molding / toys, electric appliances, home appliances and various containers

Physical Properties

Term/Item	Value	Unit	Test Method
Melt Index	10.0	g/10min	ASTM D1238
Softening Point(Vicat)	150	°C	ASTM D1525
Tensile Strength at Yield	230	kg/cm ²	ASTM D638
Elongation at Break	<300	%	ASTM D638
IZOD Impact Strength(Notched, -20°C)	9	kg-cm/cm	ASTM D256
IZOD Impact Strength(Notched, 23°C)	>50 (N.B.)	kg-cm/cm	ASTM D256
Spiral Flow	>700	mm	SK Method
Flexural Modulus	12000	kg/cm ²	ASTM D790
Hardness(Rockwell)	80	R Scale	ASTM D785
Heat Distortion Temperature	110	°C	ASTM D648
Accelerated Oven Aging(in Air at 150°C)	360	hr	ASTM D3012

These results could be used only for reference.

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