



HCPP BT3500

YUPLENE BT3500 is a high crystalline impact propylene copolymer designed for injection molding. YUPLENE BT3500 has excellent properties in impact strength as well as stiffness, flow, mechanical properties and heat resistance, which make YUPLENE BT3500 suitable for auto parts, electric appliances, large size containers.

Application

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

Characteristics

High Stiffness, Good Dimensional Stability

Physical Properties

	Value	Unit	Test Method
Melt Index	8	g/10min	ASTM D1238
Softening Point (Vicat)	155	°C	ASTM D1525
Tensile Strength at Yield	300	kg/cm ²	ASTM D638
Elongation at Break	200	%	ASTM D638
IZOD Impact Strength (Notched, 23°C)	10	kg·cm/cm	ASTM D256
Spiral Flow	700	mm	SK Method
Flexural Modulus	15000	kg/cm ²	ASTM D790
Hardness(Rockwell)	95	R Scale	ASTM D785
Heat Distortion Temperature	115	°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.

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