

IMPACT PP

B920F

Description

YUPLENE B920F is an impact propylene copolymer designed for injection molding and extrusion applications. YUPLENE B920F has excellent properties in impact strength as well as stiffness, flow, mechanical properties and dimensional stability, which make YUPLENE B920F suitable for auto parts, electric appliances, containers, and injection applications.

Application

Injection Molding & Extrusion

Physical Properties

Term/Item	Value	Unit	Test Method
Melt Index	3.5	g/10min	ASTM D1238
Softening Point(Vicat)	150	°C	ASTM D1525
Tensile Strength at Yield	280	kg/cm ²	ASTM D638
Elongation at Break	>500	%	ASTM D638
IZOD Impact Strength(Notched, 23°C)	25	kg-cm/cm	ASTM D256
Dupont Impact Strength(-10°C)	>20	kg-cm	ASTM D2794
Spiral Flow	500	mm	SK Method
Flexural Modulus	14000	kg/cm ²	ASTM D790
Hardness(Rockwell)	85	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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