

IMPACT PP B391G

YUPLENE B391G is a propylene impact copolymer designed for injection molding applications. YUPLENE B391G has high stiffness, excellent dimensional stability, good impact strength and very high flowability. This is not a chemical cracked grade so it is free from surface gas mark. YUPLENE B391G is especially suitable for various electrical appliances, large products and thin wall products. YUPLENE B391G complies with FDA regulation 21 CFR177.1520.

Application / Use Case

Injection / Automobile applications, large container,
Industrial parts for electronic

Characteristics

High Stiffness, Impact Strength, High flow

Specification

	Value	Unit	Test Method
Melt Index	40.0	g/10min	ASTM D1238

Physical Properties

	Value	Unit	Test Method
IZOD Impact Strength(Notched, 23°C)	7.5	kg-cm/cm	ASTM D256
IZOD Impact Strength(Notched, -20°C)	5.0	kg-cm/cm	ASTM D256
Softening Point(Vicat)	150	°C	ASTM D1525
Tensile Strength at Yield	260	kg/cm ²	ASTM D638
Elongation at Break	<500	%	ASTM D638
Flexural Modulus	13000	kg/cm ²	ASTM D790

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Hardness(Rockwell)	90	R Scale	ASTM D785
Heat Distortion Temperature	110	°C	ASTM D648
Accelerated Oven Aging(in Air at 150°C)	360	hr	ASTM D3012
Dupont Impact at -10°C	>20	kg·cm	ASTM D2794
Spiral Flow	>800	mm	SK Method

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

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