

## IMPACT PP

### B391G

#### Description

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 CFR177.152 for food contact.

#### Application

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

#### Physical Properties

Term/Item	Value	Unit	Test Method
Melt Index	40.0	g/10min	ASTM D1238
Softening Point(Vicat)	150	°C	ASTM D1525
Tensile Strength at Yield	270	kg/cm <sup>2</sup>	ASTM D638
Elongation at Break	<500	%	ASTM D638
IZOD Impact Strength(Notched, -20°C)	2.5	kg-cm/cm	ASTM D256
IZOD Impact Strength(Notched, 23°C)	6	kg-cm/cm	ASTM D256
Dupont Impact at -10°C	>20	kg-cm	ASTM D2794
Spiral Flow	>800	mm	SK Method
Flexural Modulus	13000	kg/cm <sup>2</sup>	ASTM D790
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

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