

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

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

Characteristics

High Stiffness, High Toughness, High flow

Physical Properties

	Value	Unit	Test Method
Melt Index (2.16kg, 230°C)	40	g/10min	ASTM D1238
Tensile Strength at Yield	260	kg/cm ²	ASTM D638
Elongation at Break	<500	%	ASTM D638
Flexural Modulus	13000	kg/cm ²	ASTM D790
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
Hardness (Rockwell)	90	R Scale	ASTM D785
Softening Point (Vicat)	150	°C	ASTM D1525
Heat Distortion Temperature (0.45Mpa)	110	°C	ASTM D648

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

** Processing method: Injection Molding