

IMPACT PP B393G

YUPLENE B393G is a propylene impact copolymer designed for injection molding application. YUPLENE B393G has high stiffness, excellent dimensional stability, good impact strength and has been listed by Underwriters Laboratories (UL). Its excellent flow property makes it suitable for various large size electrical appliances and thin wall products. YUPLENE B393G 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	60.0	g/10min	ASTM D1238

Physical Properties

	Value	Unit	Test Method
IZOD Impact Strength(Notched, 23°C)	7.0	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	270	kg/cm ²	ASTM D638
Elongation at Break	<500	%	ASTM D638
Flexural Modulus	14000	kg/cm ²	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
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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