

IMPACT PP

B350F

Description

YUPLENE B350F is a propylene impact copolymer designed for injection molding applications. YUPLENE B350F has excellent toughness and good dimensional stability, which make YUPLENE B350F suitable for household articles, electric appliances, battery cases and various containers.

YUPLENE B350F complies with FDA regulation 21 CFR177.1520.

Application

Injection Molding / automobile applications, battery case, home appliances, industrial parts for electronic

Physical Properties

Term/Item	Value	Unit	Test Method
Melt Index	9.0	g/10min	ASTM D1238
Softening Point(Vicat)	150	°C	ASTM D1525
Tensile Strength at Yield	270	kg/cm ²	ASTM D638
Elongation at Break	>500	%	ASTM D638
IZOD Impact Strength(Notched, -20°C)	4	kg-cm/cm	ASTM D256
IZOD Impact Strength(Notched, 23°C)	12	kg-cm/cm	ASTM D256
Dupont Impact at -10°C	>30	kg-cm	ASTM D2794
Spiral Flow	700	mm	SK Method
Flexural Modulus	12000	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

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