

# YUPLENE® B350F

Polypropylene Impact Copolymer

SK Global Chemical

Message:

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.

General Information			
Features	Good Dimensional Stability		
	Good Toughness		
	Impact Copolymer		
Uses	Appliance Components		
	Automotive Applications		
	Battery Cases		
	Containers		
	Electrical/Electronic Applications		
	Household Goods		
	Industrial Applications		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ASTM D1238
Spiral Flow	70.0	cm	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.5	MPa	ASTM D638
Tensile Elongation (Break)	> 500	%	ASTM D638
Flexural Modulus	1180	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	39	J/m	
23°C	120	J/m	
Aging	Nominal Value	Unit	Test Method
Accelerated Oven Aging - in Air (150°C)	15.0	day	ASTM D3012
Heat Deflection Temperature	110	°C	ASTM D648
DuPont Impact Strength (-10°C)	> 2.94	J	ASTM D2794

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	150	°C	ASTM D1525

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