

YUPLENE® B360F

Polypropylene Impact Copolymer

SK Global Chemical

Message:

YUPLENE B360F is a propylene impact copolymer designed for injection molding applications. YUPLENE B360F has excellent toughness, good dimensional stability and has been listed by Underwriters Laboratories (UL). YUPLENE B360F is suitable for household articles, electric appliances and various containers.

YUPLENE B360F complies with FDA regulation 21 CFR177.1520.

General Information			
UL YellowCard	E135809-222659		
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)	16	g/10 min	ASTM D1238
Spiral Flow	> 80.0	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	29	J/m	
23°C	88	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)	> 1.96	J	ASTM D2794
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	150	°C	ASTM D1525

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