

YUPLENE® B330F

Polypropylene Impact Copolymer

SK Global Chemical

Message:

YUPLENE B330F is a propylene impact copolymer designed for injection molding applications. YUPLENE B330F has excellent toughness, good dimensional stability and has been listed by Underwriters Laboratories (UL). YUPLENE B330F is suitable for household articles, chairs, containers and automobile parts.

YUPLENE B330F complies with FDA regulation 21 CFR177.1520.

General Information			
UL YellowCard	E135809-222657		
Features	Good Dimensional Stability		
	Good Toughness		
	High Impact Resistance		
	Impact Copolymer		
Uses	Appliances		
	Automotive Applications		
	Battery Cases		
	Containers		
	Electrical/Electronic Applications		
	Furniture		
	Household Goods		
	Industrial Applications		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Cast Film		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.5	g/10 min	ASTM D1238
Spiral Flow	55.0	cm	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	85		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	160	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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