

Braskem PP KN-501

Polypropylene Impact Copolymer

Braskem America Inc.

Message:

Sub-group:

Impact copolymer

Description:

Excellent color and processing stability, excellent long term heat aging properties, wet / dry environment resistance.

Applications:

Suggested uses include automotive, housewares, toys, furniture.

UL approved.

Process:

Injection Molding.

General Information			
Features	Food Contact Acceptable		
	Good Color Stability		
	Good Heat Aging Resistance		
	Good Processing Stability		
	Good Weather Resistance		
	Impact Copolymer		
Uses	Automotive Applications		
	Furniture		
	Household Goods		
	Toys		
Agency Ratings	FDA 21 CFR 177.1520		
	UL Unspecified Rating		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	25.5	MPa	ASTM D638
Tensile Elongation ² (Yield)	6.0	%	ASTM D638
Flexural Modulus - 1% Secant ³	1170	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	130	J/m	ASTM D256A
Gardner Impact (-34°C)	28.5	J	ASTM D5420
NOTE			

1.	51 mm/min
2.	51 mm/min
3.	1.3 mm/min

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