

Braskem PP RP 250

Polypropylene Random Copolymer

Braskem America Inc.

Message:

Sub-group
Random Copolymer
Description
Superior processing stability, superior clarity, aesthetics and enhanced optical properties, excellent mold release
Applications
Suggested uses include reusable food containers, housewares, fast-cycle injection molding

General Information			
Features	Fast Molding Cycle		
	Food Contact Acceptable		
	Good Mold Release		
	Good Processing Stability		
	Good Surface Finish		
	Opticals		
	Random Copolymer		
Uses	Food Containers		
	Household Goods		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	31.0	MPa	ASTM D638
Tensile Elongation ² (Yield)	9.0	%	ASTM D638
Flexural Modulus - 1% Secant ³	1170	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256A
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	1.3 mm/min		

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