

Braskem PP R7050-02N

Polypropylene Random Copolymer

Braskem Europe GmbH

Message:

Braskem R7050-02N Polypropylene Resin is a random copolymer developed for sheet extrusion and blow moulding applications. Braskem R7050-02N Polypropylene Resin features high clarity.

Applications for Braskem R7050-02N Polypropylene Resin:

Blow molded containers

Thermoformed containers

Regulatory Information

Braskem R7050-02N Polypropylene Resin should comply with U.S. FDA 21 CFR 177.1520(c)3.1a and EU, No 10/2011.

It is the responsibility of the manufacturers of food contact articles and industrial food packers to make sure the articles in their actual use are in compliance with the imposed migration requirements. The appropriate regulations should be consulted for more detailed information. Compliance letters can be obtained through the Braskem sales representative.

General Information			
Agency Ratings	EU No 10/2011		
	FDA 21 CFR 177.1520(c) 3.1a		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	25.0	MPa	ISO 527-2
Tensile Strain (Yield, Injection Molded)	12	%	ISO 527-2
Flexural Modulus (Injection Molded)	840	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
0°C, Injection Molded	4.0	kJ/m ²	
23°C, Injection Molded	18	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹ (0.45 MPa, Unannealed)	80.0	°C	ISO 75-2/B
Vicat Softening Temperature ²	129	°C	ISO 306/A
Optical	Nominal Value	Unit	Test Method
Haze (1000 µm, Injection Molded)	12	%	ASTM D1003
NOTE			
1.	Injection Molded		
2.	Injection Molded		

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