

Braskem PP C711-70RNA

Polypropylene Impact Copolymer

Braskem Europe GmbH

Message:

Braskem C711-70RNA Polypropylene Resin is a high performance impact copolymer developed especially for high speed thin wall injection moulding. Braskem C711-70RNA Polypropylene Resin is a very high melt flow rate impact copolymer featuring excellent impact strength, even at low temperatures. Braskem C711-70RNA Polypropylene Resin is designed and formulated to allow for simple processing, short cycle times, low shrinkage, minimal warpage and good part dimensional stability. Braskem C711-70RNA Polypropylene Resin contains a very efficient antistatic package.

Applications for Braskem C711-70RNA Polypropylene Resin:

- Thin wall containers
 - Thin wall packaging (margarine tubs, dairy product pots, ice cream containers)
 - Caps & closures
 - Video cassette cases
 - Lids
 - Housewares
 - Flower pots
 - Cool boxes
 - Complies with:
 - EU, No 10/2011
 - FDA, FCN 843
- Consult the regulations for complete details.

General Information			
Agency Ratings	EU No 10/2011		
	FDA FCN 843		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	70	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	24.0	MPa	ISO 527-2
Tensile Strain (Yield, Injection Molded)	7.0	%	ISO 527-2
Flexural Modulus (Injection Molded)	1250	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C, Injection Molded	4.0	kJ/m ²	
0°C, Injection Molded	5.5	kJ/m ²	
23°C, Injection Molded	8.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹ (0.45 MPa, Unannealed)	95.0	°C	ISO 75-2/B
Vicat Softening Temperature ²	150	°C	ISO 306/A
NOTE			

1.	Injection Molded
2.	Injection Molded

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