

Braskem PP C705-44NAHP

Polypropylene Impact Copolymer

Braskem Europe GmbH

Message:

Braskem C705-44NA HP Polypropylene Resin is a high performance impact copolymer developed for thin wall injection moulding. Braskem C705-44NA HP Polypropylene Resin is a high melt flow rate impact copolymer featuring improved mechanical properties balance combining superior stiffness, good impact resistance and excellent antistatic properties.

Applications for Braskem C705-44NA HP Polypropylene Resin:

Thin wall containers for food, e.g. margarine tubs, yoghurt pots

Flower pots

Cool boxes

Caps and closures

Housewares

Complies with:

EU, No 10/2011

U.S. 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)	44	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	28.0	MPa	ISO 527-2
Tensile Strain (Yield, Injection Molded)	7.0	%	ISO 527-2
Flexural Modulus (Injection Molded)	1450	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	5.0	kJ/m ²	
23°C, Injection Molded	7.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹ (0.45 MPa, Unannealed)	100	°C	ISO 75-2/B
Vicat Softening Temperature ²	152	°C	ISO 306/A
NOTE			
1.	Injection Molded		
2.	Injection Molded		

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