

# Braskem PP C715-12NHP

Polypropylene Impact Copolymer

Braskem Europe GmbH

## Message:

Braskem C715-12N HP Polypropylene Resin is a high performance impact copolymer developed particularly for injection moulding applications. Braskem C715-12N HP Polypropylene Resin allows for an outstanding balance of mechanical properties featuring exceptional stiffness and high impact strength, also at low temperatures. Braskem C715-12N HP Polypropylene Resin is an easy flow impact copolymer exhibiting up to 20% higher rigidity than conventional impact copolymers with similar flow and toughness.

Applications for Braskem C715-12N HP Polypropylene Resin:

Thin wall containers

Containers and baskets

Household and appliances components

Automotive trim

Toys

Pails

Packaging application

Caps and closures

Complies with:

U.S. FDA FCN 843

Consult the regulation for complete details.

General Information			
UL YellowCard	E211129-632492		
Agency Ratings	EU No 10/2011		
	FDA FCN 843		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	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)	8.0	%	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	4.5	kJ/m <sup>2</sup>	
0°C, Injection Molded	6.0	kJ/m <sup>2</sup>	
23°C, Injection Molded	10	kJ/m <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature <sup>1</sup> (0.45 MPa, Unannealed)	100	°C	ISO 75-2/B
Vicat Softening Temperature <sup>2</sup>	152	°C	ISO 306/A
NOTE			
1.	Injection Molded		

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