

Braskem PP C123-01N

Polypropylene Impact Copolymer

Braskem Europe GmbH

Message:

Braskem C123-01N Polypropylene Resin is a high performance impact copolymer developed for extrusion and blow moulding applications. Braskem C123-01N Polypropylene Resin is a high stiffness, high impact copolymer offering an excellent combination of high stiffness and toughness with good processability. Braskem C123-01N Polypropylene Resin is nucleated and features very high crystallization temperature.

Applications for Braskem C123-01N Polypropylene Resin:

- Sheet
- Blow moulding
- Extrusion profiles
- Thermoforming
- Regulatory Information

Braskem C123-01N Polypropylene Resin should comply with 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		
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)	1.3	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	27.0	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	8.0	kJ/m ²	
0°C, Injection Molded	12	kJ/m ²	
23°C, Injection Molded	55	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	151	°C	ISO 306/A
NOTE			
1.	Injection Molded		
2.	Injection Molded		

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