

## Polypropylene C7069-100NA

### Subgroup:

Impact Copolymer

### Description:

BRASKEM C7069-100NA Polypropylene Resin has been developed for high speed injection molding in various applications. BRASKEM C7069-100NA Polypropylene Resin is a nucleated impact copolymer combining very high flow with an excellent balance of mechanical properties and organoleptic properties. It has been designed for short cycle times and excellent antistatic performance.

### Applications:

- Thin wall packaging (margarine tubs, dairy product pots, ice cream containers/lids)
- Thin wall consumer goods e.g. Flower pots, Houseware, food boxes
- Caps & closures

### Process:

- High speed injection molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.900 g/cm <sup>3</sup>	0.900 g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (230°C/2.16 kg)	100 g/10 min	100 g/10 min	ISO 1133

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Flexural Modulus (Injection Molded)	229000 psi	1580 MPa	ISO 178

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy Notched Impact Strength			ISO 179/eA
73°F (23°C), Injection Molded	2.0 ft·lb/in <sup>2</sup>	4 kJ/m <sup>2</sup>	

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Heat Deflection Temperature			ISO 75-2/B
66 psi (0.45 MPa), Unannealed	221 °F	105 °C	
Vicat Softening Temperature	306 °F	152 °C	ISO 306/A

### Notes

These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

**Regulatory Information:**

BRASKEM C7069-100NA Polypropylene Resin complies with:

- European Commission Regulation (EU) No 10/2011
- U.S. FDA FCN 843

The appropriate regulations should be consulted for more detailed information.

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Additional Information:

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