


Datasheet
 Review 4 (Nov / 17)

Polypropylene C7069-100NA

Description:

BRASKEM C7069-100NA Polypropylene Resin has been developed for high speed injection molding of thin wall packaging containers and houseware articles. BRASKEM C7069-100NA Polypropylene Resin is a nucleated impact copolymer combining very high flow with an excellent balance of mechanical properties. It has been designed for short cycle times and excellent antistatic performance.

Applications:

Thin wall containers, Thin wall packaging for food and cosmetics , Consumer Goods - Houseware, Boxes for frozen products, Compounding

Processes:

Injection molding.

Control Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	100

Typical Properties^a

Feature	Method	Units	Values
Density	D 792	g/cm ³	0.900
Flexural Modulus - 1% Secant	D 790	MPa	1500
Tensile Strength at Yield	D 638	MPa	28
Tensile Elongation at Yield	D 638	%	5
Notched Charpy Impact Strength at 23°C	D 6110	J/m	4
Notched Charpy Impact Strength at 0°C	D 6110	J/m	2.5
Notched Charpy Impact Strength at -20°C	D 6110	J/m	2.5
Deflection Temperature under Load at 0.455 MPa	D 648	°C	104
Vicat Softening Temperature at 10 N	D 1525	°C	151

a) Injection molded specimen according to ASTM D 4101. NB = No Break.

1. Storage:

Recommended storage is a cool, dry place protected from direct sunlight for maximum of 24 months after production.

Customer Notice:

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Notice:

- Braskem Netherlands B.V. strongly recommends before use, to consult the Safety Data Sheet
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