


Datasheet

MAY/2021

Polypropylene CG700NA
Description:

BRASKEM CG700NA Polymer is a nucleated impact copolymer developed for thin wall packaging containers requiring excellent taste and odor performance. BRASKEM CG700NA Polymer combines high flow, short cycle times, good antistatic performance and an excellent balance of mechanical properties even at low temperatures.

Applications:

Thin wall containers, Thin wall packaging, Houseware, Pots and containers, Boxes for frozen products

Processes:

Thin Wall Injection Molding

Control Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	ISO 1133	g/10 min	70

Typical Properties^a

Feature	Method	Units	Values
Density	1183-1	g/cm ³	0.900
Flexural Modulus	178	MPa	1350
Tensile Strength at Yield	527-1	MPa	23.5
Tensile Elongation at Yield	527-1	%	4.5
Notched Charpy Impact Strength at 23°C	179	kJ/m ²	6
Notched Charpy Impact Strength at 0°C	179	kJ/m ²	4
Notched Charpy Impact Strength at -20°C	179	kJ/m ²	3.5
Deflection Temperature under Load at 0.455 MPa	75-1/75-2	°C	104
Vicat Softening Temperature at 10 N	306	°C	145

a) Injection molded specimen according to ISO 294.

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
- Braskem Netherlands B.V. registration details are: Braskem Netherlands B.V., Weena 240 / Tower C 9th Floor, 3012 NJ Rotterdam, The Netherlands Commercial Court Rotterdam No.: 24401995 Managing Directors: Waldir Soller Ferreira, Cristiane Roberta Franco da Cruz Rego, Alexander van Veen, Pedro van Langendonck Teixeira de Freitas, Hardi Schuck. VAT Number: NL817054716B01

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