Braskem

Datasheet
10/2024

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.

Additivation:

Nucleating Agent; Antistatic Agent

Applications:

Thin wall containers, Thin wall packaging, Houseware, Pails, Fridge applications

Processes:

Injection molding, Compounding

Typical Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	ISO 1133	g/10 min	70
Density	ISO 1183-1	g/cm³	0.900
Flexural Modulus [a]	ISO 178	MPa	1350
Tensile Strength at Yield [a]	ISO 527-1	MPa	23.5
Tensile Elongation at Yield [a]	ISO 527-1	%	4.5
Notched Charpy Impact Strength at 23°C [a]	ISO 179	kJ/m²	6
Notched Charpy Impact Strength at 0°C [a]	ISO 179	kJ/m²	4
Notched Charpy Impact Strength at -20°C [a]	ISO 179	kJ/m²	3.5
Heat Deflection Temperature under Load at 0.455 MPa [a]	ISO 75-1/75-2	°C	104
Vicat Softening Temperature at 10 N [a]	ISO 306	°C	145

a) Injection molded specimen according to ISO 294.

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1. **Storage:**
   Recommended storage is a cool, dry place protected from direct sunlight. High temperatures and high atmospheric humidity during storage may have an impact on product performance.

2. **Disclaimer:**
   - Braskem Netherlands B.V. or any of its affiliates assumes no liability on the suitability of the product as described in this document for any intended use in any application unless separately agreed in a contract. All warranties or merchantability or fitness for a particular purpose are expressly excluded.
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   Braskem strongly encourages its customers to review both their manufacturing processes and their applications of Braskem products from a human health and environmental quality standpoint to ensure that Braskem products are not used in ways that are not intended or tested. Braskem product literature, including Safety Data Sheets, should be consulted prior to using Braskem products.

   - Current Safety Data Sheets are available from Braskem.
   - Braskem Netherlands B.V. strongly recommends before use, to consult the Safety Data Sheet.

   For regulatory information, please contact polymer.compliance-europe@braskem.com