


Datasheet

MAY/2021

Polypropylene C715-12NHP
Description:

BRASKEM C715-12N HP Polypropylene Resin is a high performance impact copolymer developed particularly for injection molding applications. BRASKEM C715-12NHP Polypropylene Resin allows for an outstanding balance of mechanical properties featuring exceptional stiffness and high impact strength also at low temperatures. BRASKEM C715-12NHP Polypropylene Resin is an easy flow impact copolymer exhibiting up to 20% higher rigidity than conventional impact copolymers with similar flow and toughness.

Applications:

Consumer Goods - Houseware, Thin wall containers, Crates, Container and Material Handling, Automotive, pails and buckets, Packaging, Caps & Closures

Processes:

Injection molding.

Control Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	ISO 1133	g/10 min	12

Typical Properties^a

Feature	Method	Units	Values
Density	1183-1	g/cm ³	0.900
Flexural Modulus	178	MPa	1450
Tensile Strength at Yield	527-1	MPa	28
Tensile Elongation at Yield	527-1	%	8
Notched Charpy Impact Strength at 23°C	179	kJ/m ²	10
Notched Charpy Impact Strength at 0°C	179	kJ/m ²	6
Notched Charpy Impact Strength at -20°C	179	kJ/m ²	4.5
Deflection Temperature under Load at 0.455 MPa	75-1/75-2	°C	100
Vicat Softening Temperature at 10 N	306	°C	152

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:

Braskem strongly encourages its customers to review both their manufacturing processes and their applications of Braskem products from the standpoint of human health and environmental quality to ensure that Braskem products are not used in ways for which they are not intended or tested. Braskem personnel are available to answer your questions and to provide reasonable technical support. Braskem product literature, including safety data sheets, should be consulted prior to use of Braskem products. Current safety data sheets are available from Braskem.

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.
- Braskem Netherlands B.V. does not support the use of the product as described in this document in any medical application regardless of the Medical Device Classification (Directive 93/42/EEC). The use of this product into any medical applications regardless of classification or intended use, requires written approval from Braskem Netherlands B.V..
- Braskem Netherlands B.V. assumes no obligation or liability for the information provided in this document.

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: Walmir Solter Ferreira,

Cristiane Roberta Franco da Cruz Rego, Alexander van Veen, Pedro van Langendonck Teixeira de Freitas, Hardi Schuck.
VAT Number: NL817054716B01

For regulatory information, please contact polymer.compliance-europe@braskem.com. For other requests, please contact Braskem via e-mail address: europe.polypropylene@braskem.com.

