Braskem

Datasheet
08/2024

Polypropylene C715-12NHP

Description:

Braskem's C715-12NHP is a polypropyleme copolymer specifically designed for injection molding applications. It provides a balanced combination of mechanical properties, with exceptional stiffness and high impact strength, even at low temperatures.

Additivation:

Nucleating Agent

Applications:

Compounding, boxes, Container, Pails

Processes:

Injection molding, Compounding

Typical Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	ISO 1133	g/10 min	12
Density	ISO 1183-1	g/cm³	0.900
Flexural Modulus [a]	ISO 178	MPa	1450
Tensile Strength at Yield [a]	ISO 527-1	MPa	28
Tensile Elongation at Yield [a]	ISO 527-1	%	8
Notched Charpy Impact Strength at 23°C [a]	ISO 179	kJ/m²	10
Notched Charpy Impact Strength at 0°C [a]	ISO 179	kJ/m²	6
Notched Charpy Impact Strength at -20°C [a]	ISO 179	kJ/m²	4.5
Heat Deflection Temperature under Load at 0.455 MPa [a]	ISO 75-1/75-2	°C	100
Vicat Softening Temperature at 10 N [a]	ISO 306	°C	152

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:**
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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