


Datasheet

MAY/2021

Polypropylene C706-21NAHP
Description:

BRASKEM C706-21NAHP Polypropylene Resin is a high performance impact copolymer developed for thin wall injection molding. BRASKEM C706-21NAHP Polypropylene Resin is a high flow impact copolymer with high stiffness, attractive impact resistance and excellent antistatic properties. As a result of the excellent moldability of BRASKEM C706-21NAHP Polypropylene Resin, short injection cycle times are possible.

Applications:

Thin wall containers, pails and buckets, Household containers, Filters and oil absorbers

Processes:

Thin Wall Injection Molding

Control Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	ISO 1133	g/10 min	21

Typical Properties^a

Feature	Method	Units	Values
Density	1183-1	g/cm ³	0.900
Flexural Modulus	178	MPa	1500
Tensile Strength at Yield	527-1	MPa	27
Tensile Elongation at Yield	527-1	%	8
Notched Charpy Impact Strength at 23°C	179	kJ/m ²	8
Notched Charpy Impact Strength at 0°C	179	kJ/m ²	5
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	151

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: Walmir 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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