


Datasheet

MAY/2021

Polypropylene C711-70RNA

Description:

BRASKEM C711-70RNA Polymer is an impact copolymer developed especially for high speed thin wall injection molding. BRASKEM C711-70RNA Polymer has an very high melt flow rate and features excellent impact strength, even at low temperatures. BRASKEM C711-70RNA Polymer is designed and formulated to allow for simple processing, short cycle times, low shrinkage, minimal warpage and good part dimensional stability. The resin contains a very efficient antistatic package.

Additivation:

Antistatic

Applications:

Consumer Goods - Houseware, Thin wall containers, Thin wall packaging, Caps & Closures, Videocassette boxes, Boxes for frozen products

Processes:

Injection molding., 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	1250
Tensile Strength at Yield	527-1	MPa	24
Tensile Elongation at Yield	527-1	%	5
Notched Charpy Impact Strength at 23°C	179	kJ/m ²	8
Notched Charpy Impact Strength at 0°C	179	kJ/m ²	5.5
Notched Charpy Impact Strength at -20°C	179	kJ/m ²	4
Deflection Temperature under Load at 0.455 MPa	75-1/75-2	°C	95
Vicat Softening Temperature at 10 N	306	°C	150

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
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