


Datasheet

MAY/2021

Polypropylene CSP70H

Description:

BRASKEM CSP70H polymer is a high performance impact copolymer resin developed for injection molding and extrusion applications. The resin offers an excellent balance of mechanical properties, processability and outstanding long term heat stability.

Applications:

Batteries, Technical parts, Appliances, Sheets

Processes:

Injection molding., General extrusion.

Control Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	ISO 1133	g/10 min	7

Typical Properties^a

Feature	Method	Units	Values
Density	1183-1	g/cm ³	0.900
Flexural Modulus	178	MPa	1350
Tensile Strength at Yield	527-1	MPa	7
Notched Charpy Impact Strength at 23°C	179	kJ/m ²	8
Notched Charpy Impact Strength at 0°C	179	kJ/m ²	4.5
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	90
Deflection Temperature under Load at 1.820 MPa	75-1/75-2	°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:

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Notice:

- Braskem Netherlands B.V. strongly recommends before use, to consult the Safety Data Sheet
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