


Datasheet

MAY/2021

Polypropylene CG70

Description:

BRASKEM Polypropylene CG70 is an Impact Copolymer designed for extrusion and injection molding applications. BRASKEM Polypropylene CG70 resin offers an interesting balance of basic mechanical properties in stiffness and impact performance at medium Melt Flow Rate.

Applications:

General Injection Molding, Tapes in general, Profiles, 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	28
Tensile Elongation at Yield	527-1	%	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
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
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