


Datasheet

MAY/2021

Polypropylene CG150
Description:

BRASKEM Polypropylene CG150 is suitable for the use in various injection molding applications. BRASKEM Polypropylene CG150 is an easy to process material on medium melt flow rate offering a balanced profile of stiffness to toughness.

Applications:

Based resin for compounds, General Injection Molding

Processes:

Injection molding.

Control Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	ISO 1133	g/10 min	14.5

Typical Properties^a

Feature	Method	Units	Values
Density	1183-1	g/cm ³	0.900
Flexural Modulus	178	MPa	1300
Tensile Strength at Yield	527-1	MPa	24
Tensile Elongation at Yield	527-1	%	6
Notched Charpy Impact Strength at 23°C	179	kJ/m ²	11
Notched Charpy Impact Strength at 0°C	179	kJ/m ²	7
Notched Charpy Impact Strength at -20°C	179	kJ/m ²	6
Deflection Temperature under Load at 0.455 MPa	75-1/75-2	°C	80
Vicat Softening Temperature at 10 N	306	°C	18

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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