


Datasheet

MAY/2021

Polypropylene CSP030N
Description:

BRASKEM CSP030N Polypropylene Resin is a high molecular weight, low melt flow rate heterophasic copolymer with very high impact strength. This resin is designed for non-pressure pipes as well as sheets, boards and blow molded containers.

Applications:

Pipes, Sheets and Profiles, Blow molded containers

Processes:

Extrusion Blow Molding, Injection molding., General extrusion.

Control Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	ISO 1133	g/10 min	0.3

Typical Properties^a

Feature	Method	Units	Values
Density	1183-1	g/cm ³	0.905
Flexural Modulus	178	MPa	1300
Tensile Strength at Yield	527-1	MPa	27.5
Tensile Elongation at Yield	527-1	%	11
Notched Charpy Impact Strength at 23°C	179	kJ/m ²	70
Notched Charpy Impact Strength at 0°C	179	kJ/m ²	10
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	89
Vicat Softening Temperature at 10 N	306	°C	156
OIT at 220°C	11357-6	min	>60

a) Injection molded specimen according to ISO 294.

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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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