


Datasheet

MAY/2021

Developmental Polypropylene DC705.01
Description:

BRASKEM DC705.01 Developmental Polypropylene Resin is a high performance impact copolymer developed for thin wall injection molding. BRASKEM DC705.01 Developmental Polypropylene Resin is a high melt flow rate impact copolymer featuring improved mechanical properties balance combining superior stiffness, good impact resistance and excellent antistatic properties.

Applications:

Caps & Closures, Thin wall packaging for food and cosmetics , Pots and containers, Boxes for frozen products, - Suggested uses include housewares

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	50

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	28
Tensile Elongation at Yield	527-1	%	5
Notched Charpy Impact Strength at 23°C	179	kJ/m ²	7
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

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.

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Notice:

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