


Datasheet

MAY/2021

Developmental Polypropylene DC7057.02
Description:

BRASKEM Developmental DC7057.02 resin is a Polypropylene impact copolymer developed for injection molding and extrusion applications. BRASKEM Developmental DC7057.02 resin features a good balance of mechanical properties, such as stiffness, toughness and processing properties.

Applications:

Consumer Goods, Crates, Container and Material Handling, household items, Caps & Closures, Tapes in general, Cast Film

Processes:

Injection molding., General extrusion.

Control Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	ISO 1133	g/10 min	8.5

Typical Properties^a

Feature	Method	Units	Values
Density	1183-1	g/cm ³	0.900
Flexural Modulus	178	MPa	1100
Tensile Strength at Yield	527-1	MPa	25
Tensile Elongation at Yield	527-1	%	8
Notched Charpy Impact Strength at 23°C	179	kJ/m ²	8
Notched Charpy Impact Strength at 0°C	179	kJ/m ²	4
Notched Charpy Impact Strength at -20°C	179	kJ/m ²	3.3
Deflection Temperature under Load at 0.455 MPa	75-1/75-2	°C	79
Vicat Softening Temperature at 10 N	306	°C	149

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.

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Notice:

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