Braskem

Datasheet
10/2024

Polypropylene DC7057.02

Description:

BRASKEM Polypropylene DC7057.02 resin is an Impact copolymer developed for injection molding and extrusion applications. BRASKEM DC7057.02 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, Film Extrusion

Typical Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	ISO 1133	g/10 min	8.5
Density	ISO 1183-1	g/cm³	0.900
Flexural Modulus [a]	ISO 178	MPa	1100
Tensile Strength at Yield [a]	ISO 527-1	MPa	25
Tensile Elongation at Yield [a]	ISO 527-1	%	8
Notched Charpy Impact Strength at 23°C [a]	ISO 179	kJ/m²	8
Notched Charpy Impact Strength at 0°C [a]	ISO 179	kJ/m²	4
Notched Charpy Impact Strength at -20°C [a]	ISO 179	kJ/m²	3.3
Heat Deflection Temperature under Load at 0.455 MPa [a]	ISO 75-1/75-2	°C	79
Vicat Softening Temperature at 10 N [a]	ISO 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. High temperatures and high atmospheric humidity during storage may have an impact on product performance.

2. **Disclaimer:**
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   - Current Safety Data Sheets are available from Braskem.
   - Braskem Netherlands B.V. strongly recommends before use, to consult the Safety Data Sheet.

   For regulatory information, please contact polymer.compliance-europe@braskem.com