Braskem

Datasheet
08/2024

Polypropylene C7082-30NA

Description:

Braskem's C7082-30NA is an polypropylene impact copolymer developed for industrial pails. It provides antistatic performance, combining good flow with an excellent balance of mechanical properties.

Additivation:

Nucleating Agent; Antistatic Agent

Applications:

Compounding, Pails

Processes:

Injection molding, Compounding

Typical Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	ISO 1133	g/10 min	30
Density	ISO 1183-1	g/cm³	0.900
Flexural Modulus [a]	ISO 178	MPa	1400
Tensile Strength at Yield [a]	ISO 527-1	MPa	25
Tensile Elongation at Yield [a]	ISO 527-1	%	5
Notched Charpy Impact Strength at 23°C [a]	ISO 179	kJ/m²	8.5
Notched Charpy Impact Strength at 0°C [a]	ISO 179	kJ/m²	6
Notched Charpy Impact Strength at -20°C [a]	ISO 179	kJ/m²	4
Heat Deflection Temperature under Load at 0.455 MPa [a]	ISO 75-1/75-2	°C	105

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.

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