Braskem

Datasheet
10/2024

Polypropylene CSP030N

Description:
CSP030N is a high molecular weight, low melt flow rate polypropylene impact copolymer with very high impact strength.

Additivation:
Heat Stabilization; Nucleating Agent

Applications:
Sewer & Sewage Pipes (DIN EN 1852), Wire and cables, Drainage Pipes, Fittings, Sheets and Rods

Processes:
Injection molding, Profile Extrusion, Blow Molding

Typical Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	ISO 1133	g/10 min	0.3
Density	ISO 1183-1	g/cm³	0.905
Flexural Modulus [a]	ISO 178	MPa	1300
Tensile Strength at Yield [a]	ISO 527-1	MPa	27.5
Tensile Elongation at Yield [a]	ISO 527-1	%	11
Notched Charpy Impact Strength at 23°C [a]	ISO 179	kJ/m²	70
Notched Charpy Impact Strength at 0°C [a]	ISO 179	kJ/m²	10
Notched Charpy Impact Strength at -20°C [a]	ISO 179	kJ/m²	6
Heat Deflection Temperature under Load at 0.455 MPa [a]	75-1/75-2	°C	89
Vicat Softening Temperature at 10 N [a]	ISO 306	°C	156
OIT at 200ºC	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. 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