Datasheet
05/2025

Polypropylene CSP70H

Description:
Braskem's CSP70H is a medium flow polypropylene copolymer developed for injection molding of battery cases and lids. It provides an excellent balance of mechanical properties, offers easy processing, and its additivation leads to high resistance to temperature degradation.

Additivation:
Heat Stabilization

Applications:
Container, Battery cases

Processes:
Injection molding, Profile Extrusion

Typical Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	ISO 1133	g/10 min	7
Density	ISO 1183-1	g/cm³	0.900
Flexural Modulus [a]	ISO 178	MPa	1350
Tensile Strength at Yield [a]	ISO 527-1	MPa	28
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	4.5
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	90
Vicat Softening Temperature at 10 N [a]	ISO 306	°C	152

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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   - Current Safety Data Sheets are available from Braskem.
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   For regulatory information, please contact polymer.compliance-europe@braskem.com