Braskem

Datasheet
07/2026

Polypropylene HSP165G

Description:

BRASKEM HSP165G is a Polypropylene Homopolymer designed for staple fiber production and applications requiring high speed spinning filaments. HSP165G can also be used in the injection molding process. Furthermore, it is modified to resist gas fading effect.

Additivation:

Anti Gas Fading Additive

Applications:

Nonwovens, Geotextiles , Containers

Processes:

Film Extrusion, Fiber Extrusion, Injection molding

Typical Properties[a]

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	ISO 1133	g/10 min	16.5
Density	ISO 1183-1	g/cm³	0.900
Flexural Modulus [a]	ISO 178	MPa	1500
Tensile Strength at Yield [a]	ISO 527-1	MPa	34
Tensile Elongation at Yield [a]	ISO 527-1	%	9
Notched Charpy Impact Strength at 23°C [a]	ISO 179	kJ/m²	3.5
Heat Deflection Temperature under Load at 0.455 MPa [a]	ISO 75-1/75-2	°C	85
Vicat Softening Temperature at 10 N [a]	ISO 306	°C	155

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