Braskem

Datasheet
10/2024

Polypropylene DH789.01

Description:

BRASKEM Polypropylene DH789.01 is a homopolymer for Injection Molding, Twin Wall Injection Molding and High Speed Injection Molding. This resin offers a good balance of physical properties and excellent organoleptic. DH789.01 contains a very efficient antistatic and nucleation package and provides excellent optical properties. It is designed and formulated to allow for very easy processing, short cycle times, low shrinkage, minimal warpage and good part dimensional stability.

Additivation:

Nucleation Agent; Antistatic Agent

Applications:

Rigid packaging, Rigid Packaging - Thin Wall Injection Molding, Caps & Closures, Consumer Goods - Houseware, Other Applications

Processes:

Injection molding, Compounding

Typical Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	ISO 1133	g/10 min	50
Density	ISO 1183-1	g/cm³	0.900
Flexural Modulus [a]	ISO 178	MPa	1700
Tensile Strength at Yield [a]	ISO 527-1	MPa	37
Tensile Elongation at Yield [a]	ISO 527-1	%	8
Notched Charpy Impact Strength at 23°C [a]	ISO 179	kJ/m²	2.5
Heat Deflection Temperature under Load at 0.455 MPa [a]	ISO 75-1/75-2	°C	102
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.

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