

Polypropylene DH789.01

Subgroup:

Homopolymer Resin

Description:

BRASKEM DH789.01 Polypropylene Resin is a homopolymer developed for Injection Molding, Twin Wall Injection Molding and High Speed Injection Moulding. BRASKEM DH789.01 Polypropylene Resin is a high flow homopolymer with a good balance of physical properties and excellent organoleptic. BRASKEM DH789.01 Polypropylene Resin contains a very efficient antistatic package and offers good transparency when required. It is designed and formulated to allow for very easy processing, short cycle times, low shrinkage, minimal warpage and good part dimensional stability.

Applications:

- Thin wall food packaging
- Thin wall cosmetic packaging
- Housewares
- Appliances
- Caps & closures
- Videocassette boxes
- Office accessories & pens

Process:

High Speed Injection Moulding

Regulatory Information:

BRASKEM DH789.01 Polypropylene Resin complies with:

- European Commission Regulation (EU) No 10/2011
- U.S. FDA 21 CFR 177.1520(c)1.1

The appropriate regulations should be consulted for more detailed information.

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.900 g/cm ³	0.900 g/cm ³	ISO 1183
Melt Mass-Flow Rate (230°C/2.16 kg)	50 g/10 min	50 g/10 min	ISO 1133

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Flexural Modulus (Injection Molded)	246500 psi	1700 MPa	ISO 178

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy Notched Impact Strength 73°F (23°C), Injection Molded	1.2 ft·lb/in ²	2.5 kJ/m ²	ISO 179/eA

Notes

These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

*Injection Molded

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Additional Information:

E-mail: europa.polypropylene@braskem.com

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