

Polypropylene DH742.01

Subgroup:

Homopolymer Resin

Description:

BRASKEM DH742.01 Polypropylene Resin is a homopolymer developed for general Injection Molding and Injection Molding of Caps & Closures. BRASKEM DH742.01 Polypropylene Resin has a very good balance of physical properties and excellent organoleptic. BRASKEM DH742.01 Polypropylene Resin is mild nucleated and contains a very efficient antistatic package offering good transparency when required. It is designed and formulated to allow for very easy processing, short cycle times, low shrinkage and good part dimensional stability.

Applications:

- Injection molding
- Caps & closures
- Cosmetic packaging
- Housewares
- Appliances

Process:

Injection Molding

Regulatory Information:

BRASKEM DH742.01 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)	12 g/10 min	12 g/10 min	ISO 1133

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Flexural Modulus (Injection Molded)	245000 psi	1700 MPa	ISO 178

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy Notched Impact Strength 73°F (23°C), Injection Molded	1.8 ft·lb/in ²	3.8 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:

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