

**Data Sheet**
DH742.01**Polypropylene DH742.01****Subgroup:**

Homopolymer

Description:

BRASKEM DH742.01 Polypropylene Resin is a homopolymer for medium flow Injection Molding applications. The resin has a very good balance of physical properties and excellent organoleptic. BRASKEM DH742.01 Polypropylene Resin is nucleated and contains a very efficient antistatic package offering good optical properties (transparency). It is designed and formulated to allow for very easy processing, short cycle times, low shrinkage and good part dimensional stability.

Applications:

- Rigid packaging e.g. cosmetics, caps & closures
- Cosmetic packaging e.g. housewares, general appliances

Process:

- Injection Molding

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

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.

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- c. use as a critical component in medical devices that support or sustain human life; or
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Additional Information:

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This document is intended for use within Europe, published: 23rd Apr 2013