

**Developmental DH357.01**

**Subgroup:**

Developmental Homopolymer Resin

**Description:**

BRASKEM Developmental DH357.01 Polypropylene Resin is a homopolymer suited for high output, fast running cast film lines. BRASKEM Developmental DH357.01 Polypropylene Resin has optimized rheology for fast extrusion capability and allows for easy film winding and cutting performance, as well as good printability after corona treatment. Films based on BRASKEM Developmental DH357.01 Polypropylene Resin exhibit excellent optical properties, notably transparency and gloss.

BRASKEM Developmental DH357.01 Polypropylene Resin contains slip and antiblocking additives and is suited for the production of transparent films with a thickness range of 15-150 microns.

**Applications:**

- Food packaging (bakery, snacks)
- Textile packaging (shirts, hosiery, blankets, sweaters)
- Printed materials (books, magazines, journals, stationary)

**Process:**

Cast film

**Regulatory Information:**

BRASKEM Developmental DH357.01 Polypropylene Resin should comply 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 <sup>3</sup>	0.900 g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (230°C/2.16 kg)	9.5 g/10 min	9.5 g/10 min	ISO 1133

Mechanical*	Nominal Value (English)	Nominal Value (SI)	Test Method
Flexural Modulus	188500 psi	1300 MPa	ISO 178
Charpy Notched Impact Strength, 23°C	1,9 ft·lb/in <sup>2</sup>	4,0 kJ/m <sup>2</sup>	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 specimen

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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: 05<sup>th</sup> July 2013**