



Data Sheet DH357.01

Developmental Polypropylene **DH357.01**

Subgroup:

Homopolymer Resin

Description:

BRASKEM DH357.01 Developmental Polypropylene Resin is a homopolymer suited for high output, fast running cast film lines. BRASKEM DH357.01 has optimized rheology for fast extrusion (high output) providing good film properties like easy film winding and cutting performance, as well as good printing after corona treatment. Films based on BRASKEM DH357.01 in exhibit excellent optical properties, notably transparency and gloss. BRASKEM DH357.01 Polypropylene Resin contains slip and antiblocking additives. The resin is well suited for the production of transparent films with a thickness range of 15-150 microns.

Applications:

- Film for food packaging (bakery, snacks)
- Other film e.g. textile packaging (shirts, hosiery, blankets, sweaters), stationary
- Caps & closures

Process:

- Cast film
- 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)	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 ²	4,0 kJ/m ²	ISO 179/eA

* Injection Molded

Regulatory Information:

BRASKEM 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.

Product Stewardship:

Braskem has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our Product Stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our Product Stewardship program

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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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