Braskem

Datasheet
10/2024

Polypropylene H357-09RSB

Description:

BRASKEM Polypropylene H357-09RSB is a homopolymer suited for high output, fast running cast film lines. H357-09RSB 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 H357-09RSB in exhibit excellent optical properies, notably transparency and gloss. The resin is well suited for the production of transparent films with a thickness range of 15-150µm.

Additivation:

Slip Agent, Antiblock Agent

Applications:

Speciality Film - Cast, Corrugated Board, Compounding, Caps & Closures

Processes:

Extrusion Coating, Cast Film Extrusion., Injection molding

Typical Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	ISO 1133	g/10 min	9.5
Density	ISO 1183-1	g/cm³	0.900
Flexural Modulus [a]	ISO 178	MPa	1400
Tensile Strength at Yield [a]	ISO 527-1	MPa	33
Tensile Elongation at Yield [a]	ISO 527-1	%	10
Heat Deflection Temperature under Load at 0.455 MPa [a]	ISO 75-1/75-2	°C	84
Vicat Softening Temperature at 10 N [a]	ISO 306	°C	155

a) Injection molded specimen according to ISO 294.

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1. **Storage:**
   Recommended storage is a cool, dry place protected from direct sunlight. High temperatures and high atmospheric humidity during storage may have an impact on product performance.

2. **Disclaimer:**
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   - Current Safety Data Sheets are available from Braskem.
   - Braskem Netherlands B.V. strongly recommends before use, to consult the Safety Data Sheet.

   For regulatory information, please contact polymer.compliance-europe@braskem.com