

Polypropylene H733-07
Subgroup:

Homopolymer

Description:

BRASKEM H733-07 Polypropylene Resin is a homopolymer for general injection moulding applications. BRASKEM H733-07 Polypropylene Resin shows a good balance of physical properties and good organoleptics.

Applications:

- Appliances, household goods, toys
- General automotive and compounding

Process:

- Injection Moulding

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)	7.5 g/10 min	7.5 g/10 min	ISO 1133

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (Yield, Injection Molded)	4930 psi	34 MPa	ISO 527-2
Tensile Strain (Yield, Injection Molded)	13 %	13 %	ISO 527-2
Flexural Modulus (Injection Molded)	188500 psi	1300 MPa	ISO 178

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy Notched Impact Strength			ISO 179/eA
73°F (23°C), Injection Molded	2.1 ft·lb/in ²	4.5 kJ/m ²	

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Heat Deflection Temperature			ISO 75-2/B*
66 psi (0.45 MPa), Unannealed	234 °F	112 °C	
Vicat Softening Temperature	304 °F	151 °C	ISO 306/A*

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 H733-07 Polypropylene Resin complies with:

- European Commission Regulation (EU) No 10/2011
- U.S. FDA 21 CFR 177.1520©1.1a

The appropriate regulations should be consulted for more detailed information.

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Additional Information:

E-mail: europe.polypropylene@braskem.com

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