



Data Sheet H7058-25R

Polypropylene **H7058-25R**

Sub-group:

Homopolymer

Description:

BRASKEM H7058-25R Resin is a Polypropylene homopolymer developed for thin wall injection molding offering an easy flow and a good balance of physical properties.

Applications:

- Thin wall containers
- Household articles
- Packaging
- Toys

Process:

Injection molding.

Properties:

Physical Properties ^{a)}	Nominal Value (English)	Nominal Value (SI)	Test Method
Density (23°C)	0.900 g/cm ³	0.900 g/cm ³	ISO 1183
Melt Mass-Flow Rate (230°C/2.16 kg)	25 g/10 min	25 g/10 min	ISO 1133
Flexural Modulus	203000 psi	1400 MPa	ISO 178
Tensile Stress at Yield	4790 psi	33 MPa	ISO 527-2
Tensile Strain at Yield	10 %	10 %	ISO 527-2
Charpy Notched Impact Strength (23°C)	1.4 ft·lb/in ²	3 kJ/m ²	ISO 179/1eA
Heat Deflection Temperature (0.45 MPa)	176 °F	80 °C	ISO 75-2/B
Vicat Softening Temperature (10N)	302 °F	150 °C	ISO 306/A

^{a)} These are typical properties from injection molding specimen according to ISO 294 only and are not to be construed as specifications. Users should confirm results by their own tests.

Processing conditions:

BRASKEM H7058-25R is easy to process with common extrusion and injection molding equipment with conditions depending on injection molding conversion technology applied. Recommended melt temperature range from 210 to 260°C.

Storage:

Recommended storage is a cool, dry place protected from direct sunlight for maximum of 24 months after production.

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**Data Sheet
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