



Data Sheet H502-25RG

Polypropylene H502-25RG

Sub-group:

Homopolymer

Description:

BRASKEM H502-25RG is a resin suitable for the use in continuous filaments applications and other fibers spinning process. BRASKEM H502-25RG is offering excellent processability at melt temperatures between 220 and 280°C and is modified with an anti-gas fading formulation.

Applications:

- Health and hygiene
- Carpet face yarns, protective clothing, filtration
- Geotextiles, agricultural, upholstery
- General injection molding

Process:

Continuous filament and fiber spinning equipment

Properties:

Physical Properties ^{a)}	Nominal Value (SI)	Test Method
Density	0.900 g/cm ³	ISO 1183
Melt Mass-Flow Rate (230°C/2.16 kg)	25 g/10 min	ISO 1133
Flexural Modulus (23°C)	1400 MPa	ISO 178
Tensile Stress at Yield	33 MPa	ISO 527-2
Tensile Strain at Yield	10 %	ISO 527-2
Charpy Notched Impact Strength (23°C)	3 kJ/m ²	ISO 179/1eA
Heat Deflection Temperature (0.45 MPa)	90 °C	ISO 75-2/B
Vicat Softening Temperature (10N)	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.

Storage:

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

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