

Braskem PP H502-25RZ

Polypropylene Homopolymer

Braskem Europe GmbH

Message:

Braskem H502-25RZ Polypropylene Resin is a homopolymer resin suitable for the use in spunbonded nonwovens production equipment. Braskem H502-25RZ Polypropylene Resin can also be used in other Fiber spinning processes. Braskem H502-25RZ Polypropylene Resin is a controlled rheology polypropylene offering excellent processability at melt temperatures between 220 and 280°C.

Applications for Braskem H502-25RZ Polypropylene Resin:

- Nonwovens for health and hygiene
- Carpet face yarns
- Geotextiles
- Upholstery
- Filtration
- Agricultural materials

Complies with:

- EU, No 10/2011
- U.S. FDA 21 CFR 177.1520(c)1.1

Consult the regulations for complete details.

General Information			
Agency Ratings	EU No 10/2011		
	FDA 21 CFR 177.1520(c) 1.1		
Forms	Pellets		
Processing Method	Fiber (Spinning) Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	30.0	MPa	ISO 527-2
Tensile Strain (Yield, Injection Molded)	10	%	ISO 527-2
Flexural Modulus (Injection Molded)	1300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C, Injection Molded)	2.0	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	80.0	°C	ISO 75-2/B
Vicat Softening Temperature	148	°C	ISO 306/A
Extrusion	Nominal Value	Unit	
Melt Temperature	220 to 280	°C	

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