

Braskem PP H502-25RG

Polypropylene Homopolymer

Braskem Europe GmbH

Message:

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

Applications for Braskem H502-25RG Polypropylene Resin:

Health and hygiene

Carpet face yarns

Geotextiles

Upholstery

Filtration

Agricultural materials

Protective clothing

Regulatory Information:

Braskem H502-25RG Polypropylene Resin should comply with EU, No 10/2011. It is the responsibility of the manufacturers of food contact articles and industrial food packers to make sure the articles in their actual use are in compliance with the imposed migration requirements. The appropriate regulations should be consulted for more detailed information. Compliance letters can be obtained through the Braskem sales representative.

General Information			
Agency Ratings	EU No 10/2011		
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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