Braskem

Datasheet

Polypropylene PF350GQ

Description:

Homopolymer

PF350GQ is a high melt flow rate homopolymer designed for spunbond nonwoven production. This resin features an excellent processability, allowing increased line speed or air pressure, as well as gains of mechanical properties. The narrow molecular weight distribution, special stability and tight gel control, provide its unique performance.

Applications:

Low-title and/or high-speed spinning multifilaments, Nonwovens for furniture and decoration, High performance spunbonded nonwovens for hygienic disposables and hospital products

Processes:

Fiber Extrusion

Control Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	35

Typical Properties

Feature	Method	Units	Values
Density	D 792	g/cm³	0.905
Flexural Modulus - 1% Secant	D 790	MPa	1300
Tensile Strength at Yield	D 638	MPa	35
Tensile Elongation at Yield	D 638	%	10
Rockwell Hardness (R Scale)	D 785	-	103
Notched Izod Impact Strength at 23°C	D 256	J/m	25
Deflection Temperature under Load at 0.455 MPa	D 648	°C	95
Deflection Temperature under Load at 1.820 MPa	D 648	°C	55
Vicat Softening Temperature at 10 N	D 1525	°C	154

a) Injection molded specimen according to ASTM D 4101. NB = No Break.

Final Remarks

1. The information presented in this Data Sheet reflects typical values obtained in our laboratories, but should not be considered as absolute or as warranted values. Only the properties and values mentioned on the Certificate of Quality are considered as guarantee of the product.
2. In some applications, Braskem has developed tailor-made resins to reach specific requirements.
3. In case of doubt regarding utilization, or for other applications, please contact our Technical Assistance.
4. For information about safety, handling, individual protection, first aids and waste disposal, please see MSDS.
5. For regulatory information concerning the product, please consult the Regulatory Information Sheet or contact our Technical Assistance Area.
6. The mentioned values in this report can be changed at any moment without Braskem previous communication.