



Datasheet
Review 1 (Aug/ 2019)

Polypropylene PF260GQ

Description:

Homopolymer

PF260GQ is a high melt flow rate polypropylene homopolymer with a narrow molecular weight distribution and AGF stabilization. It has been specially designed for fiber extrusion and it is suitable for the production of high tenacity fibers and nonwoven spunbonded fabrics. This grade has excellent processability due to both outstanding melt stability and great filterability characteristics, affording it to deliver high productivity rates in high speed lines.

Applications:

Continuous filament for sewing thread, Nonwoven Fibers, Nonwovens for furniture and decoration, high-speed fiber spinning - continuous filament yarns, High tenacity fibers, High performance spunbonded nonwovens for hygienic disposables and hospital products

Processes:

Extrusion of Fibers, Extrusion of Monofilaments, Spunbond nonwovens

Control Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	26

Typical Properties^a

Feature	Method	Units	Values
Density	D 792	g/cm ³	0.905
Flexural Modulus - 1% Secant	D 790	MPa	1350
Tensile Strength at Yield	D 638	MPa	35
Tensile Elongation at Yield	D 638	%	10
Rockwell Hardness (R Scale)	D 785	-	100
Notched Izod Impact Strength at 23°C	D 256	J/m	25
Vicat Softening Temperature at 10 N	D 1525	°C	155

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

Final Remarks

- 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.
- In some applications, Braskem has developed tailor-made resins to reach specific requirements.
- In case of doubt regarding utilization, or for other applications, please contact our Technical Assistance.
- For information about safety, handling, individual protection, first aids and waste disposal, please see MSDS. CAS: 9003-07-0.
- For regulatory information concerning the product, please consult the Regulatory Information Sheet or contact our Technical Assistance Area.
- The mentioned values in this report can be changed at any moment without Braskem previous communication.