Braskem

Datasheet
Review 1 (Aug/ 2019)

Polypropylene PF260GQ

Description:

PF260GQ is a high melt flow rate polypropylene homopolymer with a narrow molecular weigth 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 outstanding melt stability and great filterability characteristics, affording it to deliver high productivity rates in high speed lines.

Additivation:

Anti Gas Fading Additive

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:

Fiber Extrusion, 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

Feature	Method	Units	Values
Density	D 792	g/cm³	0.905
Flexural Modulus (0.05 in/min, 1.3 mm/min, 1% secant)	D 790	MPa	1350
Tensile Strength at Yield (2 in/min, 50 mm/min)	D 638	MPa	35
Elongation at Yield (2 in/min, 50 mm/min)	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.

-

1. **Storage:**
   Recommended storage is a cool, dry place protected from direct sunlight. High temperatures and high atmospheric humidity during storage may have an impact on product performance.

2. **Disclaimer:**
   - Braskem Netherlands B.V. or any of its affiliates assumes no liability on the suitability of the product as described in this document for any intended use in any application unless separately agreed in a contract. All warranties or merchantability or fitness for a particular purpose are expressly excluded.
   - Braskem Netherlands B.V. does not support the use of the product as described in this document in any medical application regardless of the Medical Device Regulation (2017/745). The use of this product into any medical applications regardless of classification or intended use, requires written approval from Braskem Netherlands B.V..
   - Braskem Netherlands B.V. assumes no obligation or liability for the information provided in this document.

3. **Customer Notice:**
   Braskem strongly encourages its customers to review both their manufacturing processes and their applications of Braskem products from a human health and environmental quality standpoint to ensure that Braskem products are not used in ways that are not intended or tested. Braskem product literature, including Safety Data Sheets, should be consulted prior to using Braskem products.

   - Current Safety Data Sheets are available from Braskem.
   - Braskem Netherlands B.V. strongly recommends before use, to consult the Safety Data Sheet.

   For regulatory information, please contact **polymer.compliance-europe@braskem.com**