


Data Sheet
Polipropileno RF70
Description:

Random Copolymer

RF70 is a medium melt flow rate random copolymer designed for use in Stretch Films and General Films. The product does not contain sliding additives or anti-blocking and is suitable for the preparation of customized formulations.

Applications:

Film

Processes:

Cast Film Extrusion., Blown Film Extrusion

Control Properties

Characteristic	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	7

Typical Properties^a

Characteristic	Method	Units	Values
Density	D 792	g/cm ³	0.900
Flexural Modulus - 1% Secant	D 790	MPa	550
Tensile Strength at Yield	D 638	MPa	20
Tensile Elongation at Yield	D 638	%	14
Rockwell Hardness (R Scale)	D 785	-	68
Notched Izod Impact Strength at 23°C	D 256	J/m	60
Deflection Temperature under Load at 0.455 MPa	D 648	°C	71
Deflection Temperature under Load at 1.820 MPa	D 648	°C	45
Vicat Softening Temperature at 10 N	D 1525	°C	128
Haze	D 1003	%	3

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

Film Properties

Characteristic	Method	Units	Values
Film quality - Gels 1 (200 - 400 µm)	Braskem's Method	Gels/m ²	<=100
Film quality - Gels 2 (401 - 600 µm)	Braskem's Method	Gels/m ²	<=50
Film quality - Gels 3 (> 600 µm)	Braskem's Method	Gels/m ²	<=20

Final observations

- 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: 9010-79-1.
- 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.

