



Datasheet
Review 6 (May / 18)

Polypropylene PH 0950

Description:

Homopolymer

PH 0950 is a medium melt flow rate homopolymer with antiblocking agent. PH 0950 is specially designed for twisted films produced even by cast or blown film extrusion. It exhibits excellent optical properties and good processability.

Applications:

Twist wrap

Processes:

Blown Film Extrusion, Cast Film Extrusion

Control Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	8.0

Typical Properties^a

Feature	Method	Units	Values
Density	D 792	g/cm ³	0.905
Flexural Modulus - 1% Secant	D 790	MPa	1400
Tensile Strength at Yield	D 638	MPa	36
Tensile Elongation at Yield	D 638	%	9
Rockwell Hardness (R Scale)	D 785	-	101
Notched Izod Impact Strength at 23°C	D 256	J/m	25
Deflection Temperature under Load at 0.455 MPa	D 648	°C	98
Deflection Temperature under Load at 1.820 MPa	D 648	°C	58
Vicat Softening Temperature at 10 N	D 1525	°C	153

a) Injection molded specimen according to ASTM D 4101.

Film Properties

Feature	Method	Units	Values
Secant Modulus 1% (MD/TD)	D 882	MPa	700/710
Tensile Strength at Yield (MD/TD)	D 882	MPa	25/25
Elongation at Yield (MD/TD)	D 882	%	10/9
Haze	D 1003	%	1.9
Gloss 45°	D 2457	-	99
Sealing Initial Temperature	Braskem Method	°C	118

3) 30 µm thickness film, processed in a 50 mm screw diameter extruder with blow up ratio of 1,3:1 (MD=Machine Direction and TD=Transversal Direction)

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.