Braskem

Datasheet
Review 3 (Dec / 17)

Polypropylene H 605

Description:
Homopolymer

H 605 is a low melt flow rate homopolymer with high transparency. This resin is designed for extrusion and thermoforming. H 605 exhibits excellent processability, high output, excellent stiffness/impact strength balance, high melt strength, outstanding optical properties and low odor/taste transfer.

Applications:
Sheets, Highly transparent thermoformed packages for food, cosmetic, health care and cleaning products, Flat and corrugated sheets for school and office folders

Processes:
Thermoforming, General extrusion.

Control Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	2.1

Typical Properties

Feature	Method	Units	Values
Density	D 792	g/cm³	0.905
Flexural Modulus - 1% Secant	D 790	MPa	1500
Tensile Strength at Yield	D 638	MPa	34
Tensile Elongation at Yield	D 638	%	9
Rockwell Hardness (R Scale)	D 785	-	103
Notched Izod Impact Strength at 23°C	D 256	J/m	50
Deflection Temperature under Load at 0.455 MPa	D 648	°C	112
Deflection Temperature under Load at 1.820 MPa	D 648	°C	57
Vicat Softening Temperature at 10 N	D 1525	°C	155
Haze	1003	%	36

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.