Braskem

Datasheet
Review 2 (Dec / 17)

Polypropylene CG600NA

Description:
Impact Copolymer

CG600NA is an impact copolymer that presents high melt flow rate and an excellent balance between stiffness and impact resistance, with good organoleptic characteristics, making it suitable for food packages where low odor and flavor transmission rates are required.

Applications:
toys, Rigid Packaging - Thin Wall Injection Molding, Houseware

Processes:
Injection molding

Control Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	60

Typical Properties

Feature	Method	Units	Values
Density	D 792	g/cm³	0.903
Flexural Modulus - 1% Secant	D 790	MPa	1350
Tensile Strength at Yield	D 638	MPa	27
Tensile Elongation at Yield	D 638	%	4.5
Rockwell Hardness (R Scale)	D 785	-	87
Notched Izod Impact Strength at 23°C	D 256	J/m	55
Notched Izod Impact Strength at -20°C	D 256	J/m	33

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

Final observations
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.