Braskem

Datasheet
Feb/2021

Polypropylene CP 241

Description:
Heterophasic Copolymer

CP 241 is a high melt flow rate heterophasic copolymer used for general purposes. This product offers excellent processability, easy mould filling, productivity as well as good stiffness/impact strength balance.

Applications:
Home appliances

Processes:
Injection molding

Control Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	20

Typical Properties

Feature	Method	Units	Values
Density	D 792	g/cm³	0.900
Flexural Modulus - 1% Secant	D 790	MPa	900
Tensile Strength at Yield	D 638	MPa	22
Tensile Elongation at Yield	D 638	%	9
Rockwell Hardness (R Scale)	D 785	-	69
Notched Izod Impact Strength at 23°C	D 256	J/m	120
Notched Izod Impact Strength at -20°C	D 256	J/m	35
Deflection Temperature under Load at 0.455 MPa	D 648	°C	84
Deflection Temperature under Load at 1.820 MPa	D 648	°C	53
Vicat Softening Temperature at 10 N	D 1525	°C	145

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.