Braskem

Datasheet
Review 12 (Dec / 17)

Polypropylene CP 195

Description:
Heterophasic Copolymer

CP 195 is a very high melt flow rate heterophasic copolymer developed for high speed injection moulding machines and high productivity thin-walled injection moulded parts. The product features high impact strength even at sub-zero temperatures and it is suitable for food contact applications due to its excellent organoleptic properties.

Applications:
Food packaging sensitive to taste and smell alteration

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	0.895
Flexural Modulus - 1% Secant	D 790	MPa	950
Tensile Strength at Yield	D 638	MPa	20
Tensile Elongation at Yield	D 638	%	4
Rockwell Hardness (R Scale)	D 785	-	61
Notched Izod Impact Strength at 23°C	D 256	J/m	80
Notched Izod Impact Strength at -20°C	D 256	J/m	40
Deflection Temperature under Load at 0.455 MPa	D 648	°C	95
Deflection Temperature under Load at 1.820 MPa	D 648	°C	53
Vicat Softening Temperature at 10 N	D 1525	°C	137

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.