Braskem

Data Sheet

Review 11 (April/15)

Polypropylene CP 195

Sub-group:

Heterophasic Copolymer

Description:

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:

Packaging for food sensitive to changes in odor and taste; Housewares; Packaging for frozen desserts; Injected lids for margarine.

Processing:

Injection Moulding

Control Property:

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

Typical Properties[a]:

	ASTM 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.

Final Remarks:

1. This resin meets the requirements for olefin polymers as defined in 21 CFR, section 177.1520 issued by FDA – Food and Drug Administration in force on the date of publication of this specification. The additives present are covered in appropriate regulation by FDA.
2. 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.
3. In some applications, Braskem has developed tailor-made resins to reach specific requirements.
4. In case of doubt regarding utilization, or for other applications, please contact our Technical Assistance.
5. For information about safety, handling, individual protection, first aids and waste disposal, please see MSDS. CAS Registry number: 9010-79-1.
6. The mentioned values in this report can be changed at any moment without Braskem previous communication.
7. Braskem does not recommend this grade for packages, parts or any kind of product manufacture that will be used for storage or contact with solution that will have internal contact with human body.
8. This resin does not contain the substance Bisphenol A (BPA, CAS # No. 80-05-7) in its composition.

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