Braskem

Data Sheet

Review 7 (April/15)

Polypropylene CP 295

Sub-group:

Heterophasic Copolymer

Description:

CP 295 is a heterophasic polypropylene copolymer with high melt flow rate and very high impact strength. This resin is suitable for applications requiring excellent mechanical properties.

Applications:

Injection parts requiring high impact resistance; compounds

Processing:

Injection Moulding

Control Property:

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

Typical Properties[a]:

	ASTM Method	Units	Values
Density	D 792	g/cm³	0.895
Flexural Modulus – 1% secant	D 790	MPa	750
Tensile Strength at Yield	D 638	MPa	18
Tensile Elongation at Yield	D 638	%	6
Rockwell Hardness (R Scale)	D 785	-	46
Notched Izod Impact Strength at 23°C	D 256	J/m	NB[b]
Notched Izod Impact Strength at -20°C	D 256	J/m	100

a) Injection molded specimen according to ASTM D 4101. b) NB: non-break.

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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