Braskem

Datasheet
Review 4 (Jul / 24)

Polypropylene CP 741

Description:
Heterophasic Copolymer

CP 741 is a low melt flow rate heterophasic copolymer. It has broad molecular weight distribution and general purpose additive package. CP 741 presents low odor/taste transfer, high melt strength, good processability and excellent impact strength even at low temperatures.

Applications:
lown packages and technical parts in general, Sheet extrusion with high Impact Resistance, Thermoformed packages with high impact strength , Corrugated pipes for water drainage of sinks or washbasin

Processes:
Thermoforming, General extrusion., Extrusion Blow Molding

Control Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	0.8

Typical Properties

Feature	Method	Units	Values
Density	D 792	g/cm³	0.895
Flexural Modulus - 1% Secant	D 790	MPa	900
Tensile Strength at Yield	D 638	MPa	24
Tensile Elongation at Yield	D 638	%	13
Rockwell Hardness (R Scale)	D 785	-	74
Notched Izod Impact Strength at 23°C	D 256	J/m	> 400
Notched Izod Impact Strength at -20°C	D 256	J/m	50
Deflection Temperature under Load at 0.455 MPa	D 648	°C	90
Deflection Temperature under Load at 1.820 MPa	D 648	°C	50
Vicat Softening Temperature at 10 N	D 1525	°C	147

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

Final Remarks

1. It is the sole responsibility of the Client/Purchaser of this Product to verify the suitability of this Product and its use for the intended use and to ensure compliance with legal and regulatory requirements applicable to the final product.
2. The technical guidance eventually rendered to the Client/Purchaser of the Product by Braskem about the Product does not characterize a performance guarantee for the intended application, nor does it exempt the Client/Purchaser from the responsibilities described in item 1 above.
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