Braskem

Datasheet
Review 9 (Dec / 17)

Polypropylene CP 202XP

Description:
Heterophasic Copolymer

CP 202XP is a high melt flow rate heterophasic copolymer designed to achieve parts with high stiffness and impact strength resistance, low warpage and excellent surface appearance.

Applications:
Home appliances, High stiffness articles, Compounds

Processes:
Injection molding

Control Properties

Feature	Method	Units	Values
Nominal Melt Flow (230°C/2.16kg)	D 1238	g/10 min	26

Typical Properties[a]

Feature	Method	Units	Values
Density	D 792	g/cm³	0.900
Flexural Modulus (0.05 in/min, 1.3 mm/min, 1% secant)	D 790	MPa	1500
Tensile Strength at Yield (2 in/min, 50 mm/min)	D 638	MPa	32
Elongation at Yield (2 in/min, 50 mm/min)	D 638	%	6
Rockwell Hardness (R Scale)	D 785	-	98
Notched Izod Impact Strength (at 23°C)	D 256	J/m	55
Notched Izod Impact Strength (at -20°C)	D 256	J/m	25
Heat Deflection Temperature (0.45 Mpa)	D 648	°C	121
Deflection Temperature under Load at 1.820 MPa	D 648	°C	65
Vicat Softening Temperature (at 10 N)	D 1525	°C	155

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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