Braskem

Datasheet
Review 3 (Dec / 17)

Polypropylene CP 396XP

Description:
Heterophasic Copolymer

CP 396XP is a heterophasic copolymer designed for injection process, with high balance of processability, stiffness and impact resistance.

Applications:
Compounds, Injection molded parts with great balance between stiffness and impact strength

Processes:
Injection molding

Control Properties

Feature	Method	Units	Values
Nominal Melt Flow (230°C/2.16kg)	D 1238	g/10 min	11

Typical Properties[a]

Feature	Method	Units	Values
Density	D 792	g/cm³	0.895
Flexural Modulus (0.05 in/min, 1.3 mm/min, 1% secant)	D 790	MPa	850
Tensile Strength at Yield (2 in/min, 50 mm/min)	D 638	MPa	19
Tensile Strength at Rupture	D 638	MPa	17
Rockwell Hardness (R Scale)	D 785	-	51
Notched Izod Impact Strength (at 23°C)	D 256	J/m	Non-break
Notched Izod Impact Strength (at -20°C)	D 256	J/m	100
Heat Deflection Temperature (0.45 Mpa)	D 648	°C	85

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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