Braskem

Datasheet
Dec/2019

Polypropylene CP 393

Description:
Heterophasic Copolymer

CP 393 is a heterophasic polypropylene copolymer with medium melt flow rate. This product presents very good balance of rigidity/impact resistance, good productivity and dimensional stability.

Applications:
Compounds

Processes:
Injection molding

Typical Properties[a]

Feature	Method	Units	Values
Nominal Melt Flow (230°C/2.16kg)	D 1238	g/10 min	9.0
Density	D 792	g/cm³	0.895
Flexural Modulus (0.05 in/min, 1.3 mm/min, 1% secant)	D 790	MPa	900
Tensile Strength at Yield (2 in/min, 50 mm/min)	D 638	MPa	21
Elongation at Yield (2 in/min, 50 mm/min)	D 638	%	8
Rockwell Hardness (R Scale)	D 785	-	55
Notched Izod Impact Strength (at 23°C)	D 256	J/m	NB
Notched Izod Impact Strength (at -20°C)	D 256	J/m	85
Heat Deflection Temperature (0.45 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	140

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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