Braskem

Datasheet
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Polypropylene CP 191

Description:
Heterophasic Copolymer

CP191 is an ultra high melt flow rate heterophasic copolymer designed for the latest equipment, this resin enables high productivity in fast cycle injection of thin-walled parts maintaining high rigidity and impact resistance at low temperatures and more robust exchange of pigments.

Applications:
Compounds

Processes:
Injection molding

Control Properties

Feature	Method	Units	Values
Nominal Melt Flow (230°C/2.16kg)	D 1238	g/10 min	80

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	830
Tensile Strength at Yield (2 in/min, 50 mm/min)	D 638	MPa	19
Elongation at Yield (2 in/min, 50 mm/min)	D 638	%	6
Rockwell Hardness (R Scale)	D 785	-	57
Notched Izod Impact Strength (at 23°C)	D 256	J/m	110
Notched Izod Impact Strength (at -20°C)	D 256	J/m	55

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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