Braskem Braskem Prisma

Data Sheet
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Polypropylene Prisma 6410

Description:
Random copolymer

PRISMA® 6410 is a random copolymer of low melt flow, with excellent balance of mechanical properties and high transparency for wall thickness up to 2.0 mm.

Applications:
Extrusion-Blow Molding of bottles, housewares, which require high-transparency

Processes:
Extrusion Blow Molding

Control Properties

Characteristic	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	1.5

Typical Properties

Characteristic	Method	Units	Values
Density	D 792	g/cm³	0.902
Flexural Modulus - 1% Secant	D 790	MPa	900
Tensile Strength at Yield	D 638	MPa	26
Tensile Elongation at Yield	D 638	%	14
Notched Izod Impact Strength at 23°C	D 256	J/m	350
Deflection Temperature under Load at 0.455 MPa	D 648	°C	70
Haze	1003	%	12

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.
3. Any application information about the Product does not mean that Braskem knows or has validated the productive process of the Client/Purchaser or the adequacy of the Product for the intended application. All warranties of merchantability or fitness for a particular purpose, express or implied, are expressly excluded.
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