

**Datasheet**
Review 3 (Dec / 17)**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

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

Typical Properties^a

Feature	Method	Units	Values
Density	D 792	g/cm ³	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.

Final observations

1. The information presented in this Data Sheet reflects typical values obtained in our laboratories, but should not be considered as absolute or as warranted values. Only the properties and values mentioned on the Certificate of Quality are considered as guarantee of the product.
2. In some applications, Braskem has developed tailor-made resins to reach specific requirements.
3. In case of doubt regarding utilization, or for other applications, please contact our Technical Assistance.
4. For information about safety, handling, individual protection, first aids and waste disposal, please see MSDS. CAS: 9010-79-1.
5. For regulatory information concerning the product, please consult the Regulatory Information Sheet or contact our Technical Assistance Area.
6. The mentioned values in this report can be changed at any moment without Braskem previous communication.