

Polypropylene PRISMA® 6410

Sub-group:

Random Copolymer

Description:

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.

Processing:

Extrusion Blow Molding

Control Property:

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

Typical Properties^a:

	ASTM 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 ^b	D 1003	%	12

a) Injection molded specimen according to ASTM D 4101.

b) Specimen thickness: 1 mm.

