

Product Description

Polybutadiene Terephthalate / Polycarbonate Blend

General Considerations

Resin ID (ISO 1043)	• PBT+PC
Processing	• Injection Molding
Color	• White

Physical	Value	Unit	Method
Density / Specific Gravity	1,23	g/cm ³	ASTM D 792/A
Melt Mass-Flow Rate	30	g/10min	ASTM D 1238/A

Mechanical	Value	Unit	Method
Tensile Strength	54	MPa	ASTM D 638
Elongation at Break	35	%	ASTM D 638
Flexural Strength	65	MPa	ASTM D 790
Flexural Modulus	1456	MPa	ASTM D 790
Izod Notched Impact Strength 23°C	600	J/m	ASTM D 256

Thermal	Value	Unit	Method
Heat Deflection Temperature 1,82 MPa	90	°C	ASTM D 648

Process	Value	Unit	Method
Molding Process Temperature	250 to 270	°C	--
Mold Temperature	60 to 80	°C	--
Drying	100/4	°C/Hours	--

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