

Toraycon™ 1400S

PBT

TECHNICAL DATA

Product Description

High toughness

Uses	• Film	• Tubing	
Processing Method	• Blow Molding • Extrusion	• Film Extrusion • Injection Blow Molding	• Sheet Extrusion
ISO Designation	• >PBT<		
Type	• PBT/Extrusion, Blow molding		

ASTM & ISO Properties

Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.31	g/cm ³	ISO 1183
Water Absorption ¹ (24 hr, 23°C)	0.10	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	60	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	> 50	%	ISO 527-2
Flexural Modulus (23°C)	2500	MPa	ISO 178
Flexural Stress (23°C)	90	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	7.0	kJ/m ²	ISO 179

Notes

¹ in water

Toray Industries, Inc.

