

Torelina™ A670M T1 PPS

TECHNICAL DATA

Product Description

Unreinforced, Elastomer modified

Uses	- Fittings - Plumbing Parts
Processing Method	- Extrusion - Injection Molding
ISO Designation	>PPS-I<
Type	PPS/Unreinforced

ASTM & ISO Properties

Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.27	g/cm ³	ISO 1183
Molding Shrinkage ¹			Internal Method
Across Flow : 3.00 mm	1.50	%	
Flow : 3.00 mm	1.40	%	
Water Absorption ² (24 hr, 23°C)	0.020	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	58	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	26	%	ISO 527-2
Flexural Modulus (23°C)	2500	MPa	ISO 178
Flexural Stress (23°C)	94	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	30.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	278	°C	ISO 11357-3

Notes

¹ 80x80x3mm

² in water



Toray, Inc.

