

Torelina™ B671M X01

PPS

TECHNICAL DATA

Product Description

Blow moldability

Uses

- Automotive Applications
- Automotive Under the Hood
- Blow Molding Applications
- Plumbing Parts
- Rubber Replacement

Processing Method

- Blow Molding

ISO Designation

- >PPS-I-GF15<

Type

- PPS/Special purpose

ASTM & ISO Properties

Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.30	g/cm ³	ISO 1183
Molding Shrinkage ¹			Internal Method
Across Flow : 3.00 mm	1.10	%	
Flow : 3.00 mm	0.50	%	
Water Absorption ² (24 hr, 23°C)	0.020	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	85	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	3.5	%	ISO 527-2
Flexural Modulus (23°C)	4500	MPa	ISO 178
Flexural Stress (23°C)	140	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	60.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ISO 75-2/A
1.8 MPa, Unannealed	190	°C	
Melting Temperature	278	°C	ISO 11357-3
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+14	ohms·m	IEC 60093

Notes

¹ 80x80x3mm

² in water

Toray Industries, Inc.

