

Toraycon™ 2107G-X01

PBT+PET

TECHNICAL DATA

Product Description

Metal bonding, GF40%

Uses • Cell Phones • Metal Bonding

Processing Method • Injection Molding

ISO Designation • >PBT+PET-I-GF40<

Type • PBT/Reinforced

ASTM & ISO Properties

Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.56	g/cm ³	ISO 1183
Molding Shrinkage ¹			Internal Method
Across Flow : 3.00 mm	0.80	%	
Flow : 3.00 mm	0.30	%	
Water Absorption ² (24 hr, 23°C)	0.10	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	130	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	3.0	%	ISO 527-2
Flexural Modulus (23°C)	10500	MPa	ISO 178
Flexural Stress (23°C)	205	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	15.0	kJ/m ²	ISO 179
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.70 mm)	HB		UL 94

Notes

¹ 80x80x3mm

² in water

Toray Industries, Inc.

