

Toraycon™ 2164G-30 B3

PBT+PET

TECHNICAL DATA

Product Description

Good appearance, V-0, GF30%

Uses	• Consumer Applications	• Kitchenware	• White Goods & Small Appliances
Processing Method	• Injection Molding		
ISO Designation	• >PBT+PET-GF30FR(17)<		
Type	• PBT/Flame retardant reinforced		

ASTM & ISO Properties

Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.69	g/cm ³	ISO 1183
Molding Shrinkage ¹			Internal Method
Across Flow : 3.00 mm	1.20	%	
Flow : 3.00 mm	0.40	%	
Water Absorption ² (24 hr, 23°C)	0.070	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	140	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	1.7	%	ISO 527-2
Flexural Modulus (23°C)	10800	MPa	ISO 178
Flexural Stress (23°C)	200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	9.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	205	°C	ISO 75-2/B
1.8 MPa, Unannealed	205	°C	ISO 75-2/A
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.75 mm)	V-0		UL 94

Notes

¹ 80x80x3mm

² in water

Toray Industries, Inc.

