

Dynacom 104-G40

Polybutylene Terephthalate

Dynachem Co. Ltd.

Message:

Dynacom 104-G40 is a Polybutylene Terephthalate (PBT) material. It is available in Asia Pacific. Primary attribute of Dynacom 104-G40: Flame Rated.

General Information			
UL File Number	E164708		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.70	g/cm ³	ASTM D792
Molding Shrinkage - Flow ¹	0.30 to 0.90	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.070	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	120		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ²	132	MPa	ASTM D638
Tensile Elongation ³ (Break)	4.0	%	ASTM D638
Flexural Modulus ⁴	11700	MPa	ASTM D790
Flexural Strength ⁵	196	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	74	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	215	°C	
1.8 MPa, Unannealed	205	°C	
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	2.5	ohms · cm	ASTM D257
Dielectric Strength (1.00 mm)	26	kV/mm	ASTM D149
Arc Resistance	110	sec	ASTM D495
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
NOTE			
1.	Thickness: Thickness: 2 to 3 mm		
2.	5.0 mm/min		
3.	5.0 mm/min		
4.	3.0 mm/min		
5.	3.0 mm/min		

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