

**LONGLITE® PBT 7030-104X**

Chang Chun Plastics Co., Ltd. (CCP Group) - Polybutylene Terephthalate + ASA

**General Information**
**Product Description**

PBT/ASA 7030-104X is a 30% glass fiber reinforced black color injection molding grade.

**General**

Material Status	• Commercial: Active
Availability	• Asia Pacific                      • Europe                      • North America
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Appearance	• Black
Processing Method	• Injection Molding

**Properties <sup>1</sup>**

Physical	Nominal Value	Unit	Test Method
Density	1.47	g/cm <sup>3</sup>	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	0.50 to 1.1	%	
Flow	0.10 to 0.30	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (73°F)	1.45E+6	psi	ISO 527-1
Tensile Stress (Break, 73°F)	18100	psi	ISO 527-2
Tensile Strain (Break, 73°F)	2.5	%	ISO 527-2
Flexural Modulus (73°F)	1.09E+6	psi	ISO 178
Flexural Stress (73°F)	27600	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	4.0	ft·lb/in <sup>2</sup>	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	320	°F	ISO 75-2/A
Melting Temperature	437	°F	ISO 11357-3
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+13	ohms	IEC 60093
Volume Resistivity	1.0E+14	ohms·cm	IEC 60093
Electric Strength (0.0787 in)	560	V/mil	IEC 60243-1
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Fill Analysis	Nominal Value	Unit	Test Method
Melt Viscosity (500°F)	220	Pa·s	ISO 11443

**Processing Information**

Injection	Nominal Value	Unit
Drying Temperature	248 to 284	°F
Drying Time	4.0	hr
Processing (Melt) Temp	464 to 518	°F
Mold Temperature	140 to 212	°F

