LONGLITE® PET 9230-104X

Chang Chun Plastics Co., Ltd. (CCP Group) - *Polyethylene Terephthalate*

General Information

Product Description			
PET 9230-104X is a 30% glass fiber reinforced flame retarded injection molding grade.			
General			
Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight		
Additive	• Flame Retardant	• Mold Release	
Features	• Flame Retardant		
Forms	• Pellets		
Processing Method	• Extrusion	• Injection Molding	• Profile Extrusion
Part Marking Code (ISO 11469)	• >PET-GF30 FR(17)<		

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density	1.63	g/cm³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	0.80	%	
Flow	0.20	%	
Water Absorption (Equilibrium, 73°F, 50% RH)	0.40	%	ISO 62
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Break)	20300	psi	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Flexural Modulus	1.31E+6	psi	ISO 178
Flexural Stress	28300	psi	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (73°F)	3.8	ft·lb/in²	ISO 179/1eA
Thermal	**Nominal Value**	**Unit**	**Test Method**
Melting Temperature [2]	486	°F	ISO 11357-3
Electrical	**Nominal Value**	**Unit**	**Test Method**
Surface Resistivity	1.0E+14	ohms	IEC 60093
Volume Resistivity	1.0E+17	ohms·cm	IEC 60093
Electric Strength (0.0787 in)	560	V/mil	IEC 60243-1
Comparative Tracking Index	200	V	IEC 60112
Flammability	**Nominal Value**	**Unit**	**Test Method**
Flame Rating (0.031 in)	V-0		Internal Method

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	248 to 284	°F
Drying Time	3.0 to 5.0	hr
Processing (Melt) Temp	500 to 554	°F
Mold Temperature	176 to 248	°F

Notes

[1] Typical properties: these are not to be construed as specifications.

[2] 10°C/min

塑料专家 www.ponci.com.cn/wxb/ +13538586433 +18816996168