

LONGLITE® PBT 7330H-134AR

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

General Information
Product Description

PBT/AS 7330H-134AR is a 30% glass fiber, hydrolysis resistant and low warpage injection molding grade.

General

Material Status	• Commercial: Active
Availability	• Asia Pacific • Europe • North America
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Additive	• Mold Release
Features	• Hydrolysis Resistant • Low Warpage
Forms	• Pellets
Processing Method	• Injection Molding
Part Marking Code (ISO 11469)	• >(PBT+AS)-GF30<

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.43	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	0.70 to 1.3	%	
Flow	0.10 to 0.40	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	18100	psi	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Flexural Modulus	1.16E+6	psi	ISO 178
Flexural Stress	24700	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	3.3	ft·lb/in ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	320	°F	ISO 75-2/A
Melting Temperature ²	437	°F	ISO 11357-3
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+13	ohms	IEC 60093
Volume Resistivity	> 1.0E+15	ohms·cm	IEC 60093
Electric Strength (0.0787 in)	560	V/mil	IEC 60243-1

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	248	°F
Drying Time	5.0	hr
Processing (Melt) Temp	464 to 518	°F
Mold Temperature	104 to 176	°F

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

² 10°C/min
