

Technical Datasheet

2018

Material Type	PPA+GF30-I	Grade Name	PPA X6T 2130-SI
Features	• High toughness • Good appearance • Good molding and processing performance		
Material Standard			
Availability		Asian-Pacific	
Process Method		Injection Molding	
Appearance		Colors Optional	
Applications		Automobile	Electrical/Electronic Applications

General Properties

No.	Properties	Methods	Units	Values	Test Conditions
1	Density	ISO 1183-1	g/cm ³	1.38	23
2	Flow Molding shrinkage	PRET	-	0.3	23
3	Transverse Molding shrinkage	PRET	-	0.9	23
4	Tensile Strength at Max Load	ISO 527-2	MPa	170	50mm/min
5	Elongation at Break	ISO 527-2	%	2.0~3.5	50mm/min
6	Flexural Strength	ISO 178	MPa	230	2mm/min
7	Flexural Modulus	ISO 178	MPa	8000	2mm/min
8	Impact Strength	ISO 179-1	kJ/m ²	90	23
9	Notched Impact Strength	ISO 179-1	kJ/m ²	18	23

Processing conditions

Drying Cond.	110 °C *12h	/125 °C *6h
Moisture Control	≤ 0.2%	
Injection Temp.	300-340	
Mold Temp.	80~150	