

Technical Datasheet

2018

Material Type	PPA+GF30	Grade Name	PPA X6T 2230-FRB
Features	<ul style="list-style-type: none"> • Bromine flame retardant • Good molding and processing performance • High strength 		
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	1.59	23
2	Flow Molding shrinkage	PRET	-	0.2	23
3	Transverse Molding shrinkage	PRET	-	0.8	23
4	Tensile Strength at Max Load	ISO 527-2	MPa	170	50mm/min
5	Elongation at Break	ISO 527-2	%	1.5~3.0	50mm/min
6	Flexural Strength	ISO 178	MPa	230	2mm/min
7	Flexural Modulus	ISO 178	MPa	12500	2mm/min
8	Impact Strength	ISO 179-1	kJ/m ²	45	23
9	Notched Impact Strength	ISO 179-1	kJ/m ²	9	23
10	Flammability	UL94	-	V-0	1.6mm

Processing conditions

Drying Cond.	105-125 * 6-12h
Moisture Control	0.2%
Injection Temp.	290-320
Mold Temp.	120-150