



Specification

P/N	PBTEN130-002	Product Model	PBTEN130		
Name	EP reinforced polybutylene terephthalate				
Performance Article		Test Method	Test Condition	S.I.Units	Typical Values
Physical Properties	Glass Fibre Content	--	--	%	23
	Mold Shrinkage	ISO 294	23℃	%	0.6-0.8
	Water Absorption	ISO 62	23℃	%	0.08
	Specific Gravity	ISO 1183	23℃	g/cm ³	1.46
Mechanical Properties	Tensile Strength	ISO 527	5 mm/min	MPa	60
	Elongation at break		5 mm/min	%	10
	Flexural Strength	ISO 178	2 mm/min	MPa	90
	Flexural Modulus		2 mm/min	MPa	2300
	Impact Strength, IZOD notched	ISO 180/1A	3.2mm, 23℃	kJ/m ²	5
Thermal Properties	Heat Distortion Temp.	ISO 75/Af	1.8Mpa,6.4mm	℃	/
	Melt index	ISO 1133	250℃/2.16kg	g/10min	30
Electrical Performance	Comparative Tracking Index	IEC60112		V	/
Others	Flammability	UL94	1.6mm	Class	HB
			3.2mm	Class	HB
Processing Conditions			Typical Values	Range	
Melt Temp.			240℃	230-260℃	
Barrel Zone Temp.		Rear	240℃	230-250℃	
		Center	235℃	230-240℃	
		Front	220℃	215-225℃	
Mold Temp.			80℃	70-100℃	
Processing Temp. Limit			260℃		
Injection Speed			Moderate to High		
Pre-Dry Requirements			105-115℃, 4-6hr		

Remarks:1 This data is only for referenece.It does not mean a guaranteed minimum value of the physical properties of the product.