



Specification

P/N	PA66HF230	Product Model	PA66HF230		
Name	EP halogen-free flame reinforced Polyamide 66				
Performance Article		Test Method	Test Condition	S.I.Units	Typical Values
Physical Properties	Glass Fibre Content	--	--	%	30
	Mold Shrinkage	ISO 294	23°C	%	0.2-0.4
	Water Absorption	ISO 62	23°C	%	1.00
	Specific Gravity	ISO 1183	23°C	g/cm ³	1.50
Mechanical Properties	Tensile Strength	ISO 527	5 mm/min	MPa	140
	Elongation at break		5mm/min	%	4
	Flexural Strength	ISO 178	50 mm span	MPa	200
	Flexural Modulus		50 mm span	MPa	8000
	Impact Strength IZOD notched	ISO 180/1A	23°C	kJ/m ²	7
Thermal Properties	Heat Distortion Temp.	ISO 75/Af	1.8Mpa,6.4mm	°C	/
	Melt index	ISO 1133	250°C/2.16kg	g/10min	/
Electrical Performance	Comparative Tracking Index	IEC60112		V	/
	High Voltage Test	IEC 61007		V	/
Others	Flammability	UL94	1.6mm	Class	V0
			3.2mm	Class	V0
Processing Conditions			Typical Values		Range
Melt Temp.			265°C		260-270°C
Barrel Zone Temp.	Rear		270°C		260-280°C
	Center		260°C		250-270°C
	Front		255°C		250-260°C
Mold Temp.			90°C		70-100°C
Processing Temp. Limit			280°C		
Injection Speed			Moderate to High		
Pre-Dry Requirements			110-120°C,3-4hr		
Remarks:1 This data is only for referenece.It does not mean a guaranteed minimum value of the physical properties of the product.					