



Specification

P/N	PA66HF200	Product Model	PA66HF200		
Name	EP flame reinforced Polyamide 66				
Performance Article		Test Method	Test Condition	S.I.Units	Typical Values
Physical Properties	Glass Fibre Content	--	--	%	0
	Mold Shrinkage	ASTM D955	23℃	%	0.8-1.2
	Water Absorption	ASTM D750	23℃	%	1.00
	Specific Gravity	ASTM D792	23℃	g/cm ³	1.18
Mechanical Properties	Tensile Strength	ASTM D638	5mm/min	MPa	70
	Elongation at break		5mm/min	%	19
	Flexural Strength	ASTM D790	50 mm span	MPa	77
	Flexural Modulus		50 mm span	MPa	1840
	Impact Strength IZOD notched	ASTM D256	23℃	J/m	60
Thermal Properties	Heat Distortion Temp.	ASTM D1525	1.8Mpa,6.4mm	℃	/
	Melt index	ASTM D1238	250℃/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℃		260-270℃
Barrel Zone Temp.			Rear	270℃	260-280℃
			Center	260℃	250-270℃
			Front	255℃	250-260℃
Mold Temp.			80℃		70-100℃
Processing Temp. Limit			280℃		
Injection Speed			Moderate to High		
Pre-Dry Requirements			105-110℃,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.					