



Specification

P/N	PA6HF200	Product Model	PA6HF200		
Name	EP halogen-free flame Polyamide 6				
Performance Article		Test Method	Test Condition	S.I.Units	Typical Values
Physical Properties	Glass Fibre Content	--	--	%	0
	Mold Shrinkage	ISO 294	23℃	%	0.8-1.2
	Water Absorption	ISO 62	23℃	%	1.00
	Specific Gravity	ISO 1183	23℃	g/cm ³	1.17
Mechanical Properties	Tensile Strength	ISO 527	5 mm/min	MPa	70
	Elongation at break		5mm/min	%	20
	Flexural Strength	ISO 178	50 mm span	MPa	80
	Flexural Modulus		50 mm span	MPa	2000
	Impact Strength IZOD notched	ISO 180/1A	23℃	kJ/m ²	5.6
Thermal Properties	Heat Distortion Temp.	ISO 75/Af	1.8Mpa,6.4mm	℃	/
	Melt index	ISO 1133	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.			250℃		240-260℃
Barrel Zone Temp.			Rear	250℃	240-260℃
			Center	240℃	230-250℃
			Front	240℃	230-250℃
Mold Temp.			90℃		70-100℃
Processing Temp. Limit			270℃		
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.					