


Product Information

PA6G30

Glass fiber Reinforced Polyamide 6

	Characteristics	Excellent mechanical properties, good appearance.		
	Applications	Rear view mirror bracket, front end module and backrest, etc.		
Properties (23℃)	Typical Value ^[1]		Unit	Test Method
Mechanical				
Tensile Stress	170	MPa	ISO 527	
Tensile Strain	3.0	%	ISO 527	
Flexural Stress	260	MPa	ISO 178	
Flexural Modulus	8000	MPa	ISO 178	
Izod Impact Strength (Notched)	13	kJ/m ²	ISO 180	
Thermal				
HDT (1.8MPa, 120℃/h)	210	℃	ISO 75	
Other				
Density	1.36	g/cm ³	ISO 1183	
Flammability	HB	Class	UL-94	
Mold Shrinkage (MD)	0.3	%	ISO 294	
Mold Shrinkage (TD)	0.9	%	ISO 294	
Molding Process ^[2]				
Drying Condition	Temperature		100-120℃	
	Time		4-6 h	
Mold Temperature	80-120 ℃			
Barrel Temperature	Nozzle	Front	Middle	Rear
	250-260℃	250-270℃	240-260℃	220-240℃

Note: [1] These figures are only intended as a guide and should not be used in preparing specifications.

[2] The molding process is only for reference and can be adjusted according to different models and products.