

# Jianqiao PA6GF30

Polyamide 6

Shanghai Jianqiao Plastic Co., Ltd.

## Message:

Product Speciality: High stiffness, high rigidity, high temperature resistance, high scale stability, high creep resistance.  
Typical application: Electrical tool shell, handle, chair, fan,machine skell, switch of the electrical equipment, gear wheel.

General Information	
Filler / Reinforcement	Glass Fiber,30% Filler by Weight
Features	Good Creep Resistance
	High Heat Resistance
	High Rigidity
	High Stiffness
Uses	Gears
	Handles
	Power/Other Tools
	Seats
	Switches

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	172	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	8500	MPa	ASTM D790
Flexural Strength	255	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	215	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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