

## PPA

### Properties :

PPA has advantages of high modulus, high rigidity, high performance price ratio, low water absorption rate, dimensional stability and excellent weld-ability etc. PPA material has excellent overall properties which enable its well performance under thermal, electrical, physical and chemical condition. PPA still maintains high rigidity & strength, as well as excellent dimensional accuracy & stability even under high temperature.

### AIE PPA Products Series & Specification :

Product Series	Type	Specification	Description
PPA in Chemical Machinery Field	Flame retardance Reinforced	66GxF	Superior rigidity High temperature resistance Excellent resistance to hydrolysis(x=5、7、9、12)
	PPA/PPS Alloy	7066G7	Outstanding flowability Excellent mechanical strength
PPA in Electric & Electrical Fields	Glass Fiber Reinforced Flame Retardance	66GxF	High strength Remarkable high temperature resistance(x=5、7、9 etc)
		66GxF-GN	Halogen-free Outstanding flame retardance(x=5、7、9 etc)
	Carbon Fiber Reinforced	66Cx	Superior rigidity Dimensional stability (x=3、4、5、6)
PPA in Automobile Accessory Field	Reinforced Class	66Gx	Excellent mechanical strength Remarkable heat resistance Excellent surface effect(x=3、4、5、6)

### Notes:

In the glass fiber reinforced products, the actual glass fiber amount =subscript number ×5 e.g. the actual glass fiber amount of 66G7 is 7×5=35%.

**Application:** Automobile, Electrical & Electronics, Mechanical Engineering etc.

