

PC

Properties : PC is characterized by high transparency, high impact resistance, high hardness, high creep-resistance, excellent dimensional stability, good resistance to low-temperature and heat, flame retardance, ease to process, and excellent sound insulation.

PC & PC Alloy Products Series and Specification :

Product Series	Type	Specification	Decription	
PC in Electronic & Electrical Field	General-purposed Resin	1010	Easy to dye Good Comprehensive Properties	
	Reinforced Grade	10Gx	High Rigidity Good Toughness (x=3,4,5,6 etc)	
		10GxF	Flame-retardance High Rigidity (x=3,4,5,6 etc)	
		10Cx	Carbon-fiber Reinforced High Rigidity(x=2,3,4,5,6 etc)	
	Flame-retardant Grade	1010F	Good Comprehensive Properties	
		1010F-GN	Halogen-free Good Flowability High Impact Resistance	
		K30B	Special Grade Special Materials for Switch Plate	
		1210F	Flame-retardance 5VA Good Comprehensive Properties	
	PC/ABS Alloy	A2200FR	Ordinary Grade Good Toughness	
		A2200FR-GN	Halogen-free Flame-retardance Good Flowability	
	PC in Communications Equipment Field	Ordinary Grade	1010HF	Ordinary Grade Good Flowability
			1010F-T5	Ultra-high Toughness Temperature Resistance
PC/ABS Alloy		A2200HF	Ordinary Grade Good Flowability High Toughness	
		A2200HF-T6A	Super Toughness Good Flowability	
		A2200HF-MP	Platable Good Flowability	

		A2200HF-UV	UV-stability Good Flowability	
PC in Automobile Component Field	Ordinary Grade	1010NH	High Transparency High Temperature Resistance	
	PC/ABS Alloy	A2200-AT	Good Comprehensive Properties	
		A2200MP-AT	Platable	
	PC/ASA Alloy	1025	Good Weather Resistance	
	PC/polyester Alloy	1030	PC/PBT Good Flowability Impact Resistance	
1040		PC/PET Low Cost Good surface		
PC in Consumer Article Field	Ordinary Grade	1010TR	High Transparency Easy to Dye	
	PC/ABS Alloy	1200	Matt Surface	
	Reinforced Grade	PC/ABS Alloy	12Gx	High Rigidity Dimensional Stability (Finished Products) (x=3,4,5,6 etc)
		PC/PBT Alloy	1030Gx	High Rigidity Good Surface Effect (x=3,4,5,6 etc)

Note: In the glass-fiber reinforced products, the actual content of glass fiber=subscript No_x5,e.g. the actual glass fiber content of 50G6F is 4x5=20%.

Application: Architecture Decoration Industry, Transportation Industry, Advertisement Industry, Agriculture, Electronic & Electrical Area

