

JH-R0G30

(PC+ABS)-GF30

Kingfa Sci. & Tech.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	108	MPa	ASTM D 638
Elongation at Break	6	%	ASTM D 638
Flexural Modulus	9308	MPa	ASTM D 790
Flexural Strength	148	MPa	ASTM D 790
Rockwell Hardness	M 84	-	ASTM D 785
Izod Impact notched, 1/8 in	81.7	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	365	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	3.2	mm	-
DTUL @ 66 psi	128	°C	ASTM D 648
DTUL @ 264 psi	115	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Dielectric Strength, Short Time	29	kV/mm	ASTM D 149
Surface Resistivity	1E15	Ohm	ASTM D 257
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.1	%	ASTM D 570
Density	1420	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

Flame retardant

Applications

Automotive

Regional Availability

Asia Pacific