

JE2-R2
(ABS+PBT)

Kingfa Sci. & Tech.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	22	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.0055	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.007	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	45	MPa	ASTM D 638
Elongation at Break	20	%	ASTM D 638
Flexural Modulus	2100	MPa	ASTM D 790
Flexural Strength	65	MPa	ASTM D 790
Rockwell Hardness	R 105	-	ASTM D 785
Izod Impact notched, 1/8 in	202	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 66 psi	95	°C	ASTM D 648
DTUL @ 264 psi	84	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1070	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

Heat stabilized or stable to heat

Applications

Automotive, IT / Business Machine, Electrical and Electronical

Regional Availability

Asia Pacific