

**FRABS V-0**

ABS

Kingfa Sci. &amp; Tech.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	1.2	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength	40	MPa	ASTM D 638
Flexural Modulus	2200	MPa	ASTM D 790
Flexural Strength	58	MPa	ASTM D 790
Rockwell Hardness	R 100	-	ASTM D 785
Izod Impact notched, 1/8 in	169	J/m	ASTM D 256
Izod Impact notched, 1/4 in	137	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 66 psi	90	°C	ASTM D 648
DTUL @ 264 psi	80	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Dielectric Strength, Short Time	22	kV/mm	ASTM D 149
Volume Resistivity	1E14	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1170	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding, Other Extrusion

**Delivery form**

Pellets

**Special Characteristics**

Flame retardant

**Applications**

Electrical and Electronical

**Regional Availability**

Asia Pacific