

# TC Board

## KYOCERA Chemical “TC Board” grants versatile needs

### Features

“TC board” is a heat-mold processed insulating plate based on unsaturated polyester base KYOCERA Chemical’s “Premix”.

- A) Excellent good Electrical properties
  - (1) Tracking resistance CTI over 600
  - (2) Arc resistance over 180 sec
- B) Excellent Heat resistance
  - (1) Continuous use temperature 120 °C
- C) Excellent flame retardancy
  - (1) TC-F1, TC-F3, TC-F4, TC-F5 type
  - (2) TC-F2 type
- D) Excellent dimensional stability, acid resistance, sea water resistance



Equivalent UL94 V-0 thickness over 8 mm  
 Equivalent UL94 V-0 thickness over 2.5 mm

### TC Board

#### Thickness and thickness tolerance

Thickness (mm)	tolerance
3	+ -0.30
4	+ - 0.30
5	+ - 0.35
6	+ - 0.35
8	+ - 0.40
10	+ - 0.45
12	+ - 0.50
15	+ - 0.55
20	+ - 0.70
25	+ - 0.85
30	+ - 1.00
35	+ - 1.15
40	+ - 1.30
45	+ - 1.40
50	+ - 1.50

### Application

- A) Insulating ,structural materials for electric, electronics application  
 Bus-duct insulating spacer, cleat, Bus-bar sustain insulating plate, Insulating spacer, insulating barrier
- B) Corrosion resistant, heat resistant insulating plate
- C) Chemical equipment parts

### Type of TC Board

Model	Type	Specific gravity
TC-F1	General flame retardant	1.85+-0.05
TC-F2	High level flame retardant	1.80+-0.05
TC-F3	High mechanical strength	1.80+-0.05
TC-F4	Acid resistant	1.65+-0.05
TC-F5	Sulfuric acid resistant	2.15+-0.05

**Standard Size: 1230mm x 1030mm**