

Material of Pressure Sensor - Eastsensor Technology

Material	Thermal Conductivity (W/m·K)	Dielectric Constant	Loss Tangent	Tg (Glass Transition Temperature) (°C)	Cost (Relative)
FR-4 (Standard)	0.8 - 1.5	4.3 - 4.8	0.02 - 0.025	130 - 170	Low
Polyimide	0.5 - 0.6	3.4 - 4.4	0.002 - 0.02	250 - 260	Medium
PTFE (Teflon)	0.2 - 0.3	2.1 - 3.0	0.0009 - 0.0015	NA	High
Rogers	0.8 - 1.5	3.0 - 10.2	0.0013 - 0.0037	280 - 390	High