

Data Sheet

KERATHERM[®]

70/60

(Thickness 0.265 mm)

**flexible ceramic heat conductive foil,
fiberglass reinforcement,
best ration : price/thermal conductivity**

Characteristics	Unit	Value
Color		Brown
Thermal resistance R_{th}	K/W	0.52
Thermal impedance	$^{\circ}\text{Cmm}^2/\text{W}$ Kin^2/W	188 0.45
Heat conductivity λ	W/mK	1.2
Breakdown voltage U_d	kV	4.0
Dielectric breakdown E_d	kV/mm	16
Volume resistivity	Ωcm	1×10^{13}
Dielectric loss factor $\tan \delta$	1	7.3×10^{-3}
Dielectric constant ϵ_r	1	3.6
Thickness (+/-10%)	mm	0.265
Hardness	Shore A	85
Tensile strength	N/mm ²	20
Elongation	%	> 5
Application temperatur	$^{\circ}\text{C}$	-40 to +200
Density	g/cm ³	2.25
Flame-class	UL	94V-1
with one side adhesive		yes
with Fiberglass reinforcement		yes

Purchaser shall be solely responsible for determining the adequacy of the product of any and all uses which the purchaser shall apply the product and the application of the product by the purchaser shall not be subject to any implied warranty of fitness for that purpose.