



KV[®] 3 is often used as piston and frame insulation in heated presses or as a pressure plate in heated moulds and tools.

Property	Value	Unit	Imperial
Temperature resistance (short-term)	280	°C	536 °F
Temperature resistance (long-term)	250	°C	482 °F
Thermal conductivity	0.25	W/mK	0.14 btu/ft h °F
Coefficient of linear expansion	11×10^{-6}	1/K	11×10^{-6}
Compressive strength (room temperature)	700	N/mm ²	101526.41 psi
Flexural strength	600	N/mm ²	87022.6 psi
Compressive strength (200°C)	500	N/mm ²	72518 psi



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