



KV<sup>®</sup> 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	$11 \times 10^{-6}$	1/K	$11 \times 10^{-6}$
Compressive strength (room temperature)	700	N/mm <sup>2</sup>	101526.41 psi
Flexural strength	600	N/mm <sup>2</sup>	87022.6 psi
Compressive strength (200°C)	500	N/mm <sup>2</sup>	72518 psi

