


XGD® 80

XGD® 80 combines an effective insulation capability with high dimensional stability under high stresses and strains. This makes XGD® 80 particularly suitable for applications that require very high demands on process reliability.

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)	750	N/mm ²	108778 psi
Flexural strength	500	N/mm ²	72518 psi
Compressive strength (200°C)	500	N/mm ²	72518 psi
Water absorption	4%	-	4%



The information in this publication, as well as any additional information provided to users, is based on experience and is shared to the best of our current knowledge. However, due to numerous factors beyond our knowledge and control that may affect the use of these products, no warranties are provided or implied regarding this information. The operating limits presented in this publication do not imply that these values can be applied simultaneously. Do not use the product at the maximum temperature and pressure values simultaneously. The maximum temperature is suitable only for short-term exposure under specific conditions. Specifications are subject to change without prior notice. The picture in the DS may not accurately depict the exact color and/or markings of the product.

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