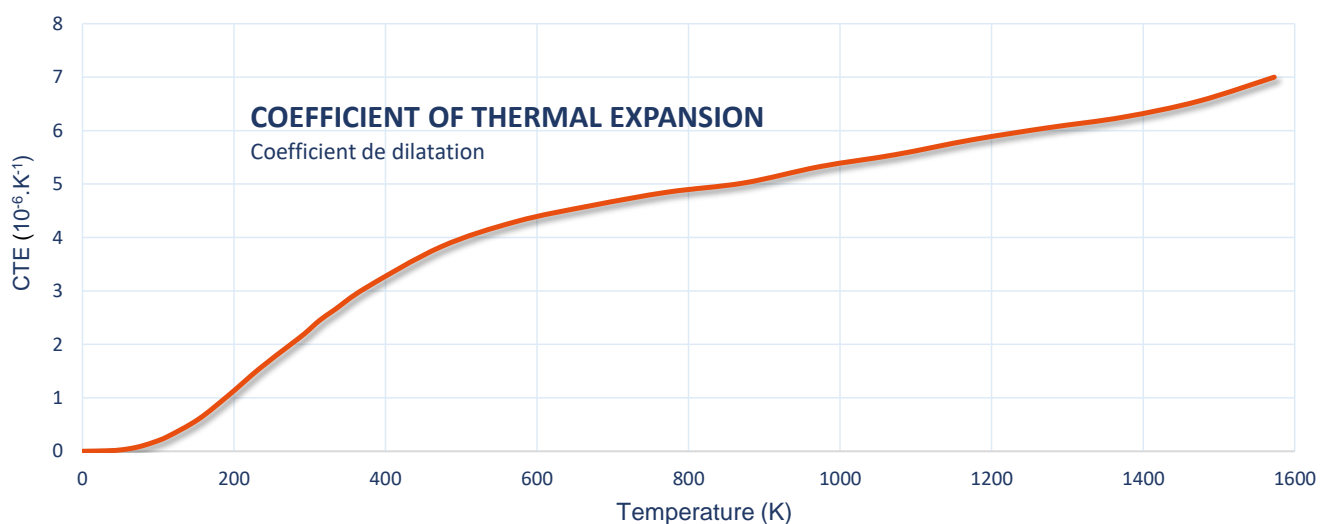
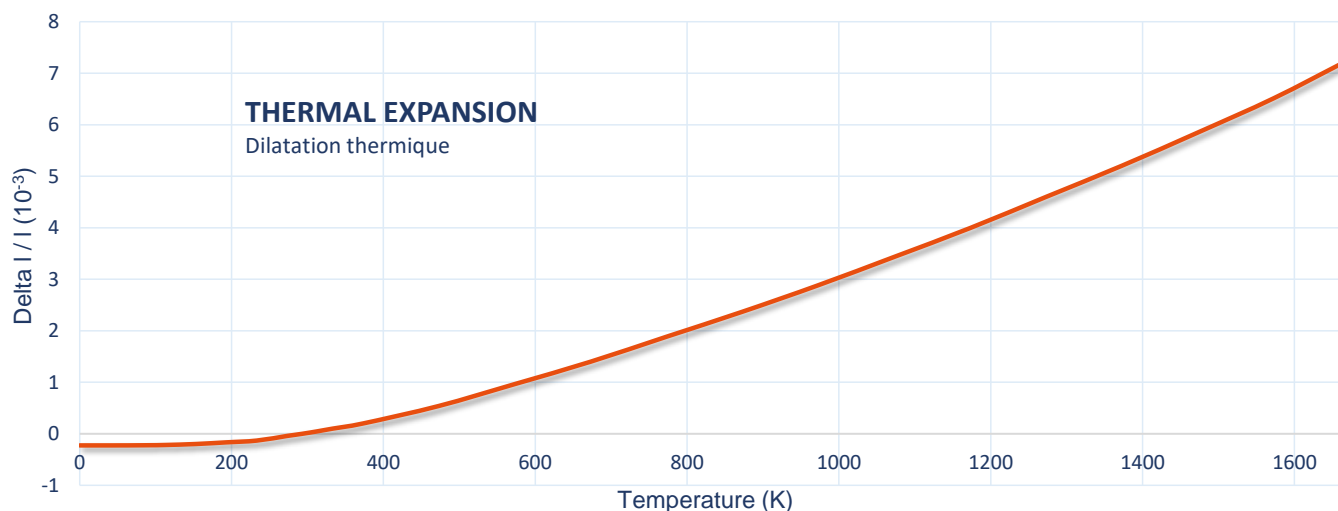


THERMAL EXPANSION OF BOOSTEC® SiC

Dilatation thermique du SiC Boostec®



The Coefficient of Thermal Expansion (CTE) of Boostec® SiC is outstandingly isotropic and homogeneous in a same part, from part to part and from a raw material batch to another one: no significant CTE mismatch detected on comparative measurements performed between 173K and 423K (-100°C + 150°C), with a resolution of 10⁻⁹ K⁻¹.

Le coefficient de dilatation du SiC Boostec® est extraordinairement isotrope et homogène au sein d'une même pièce, d'une pièce à l'autre, d'un lot de matière à l'autre : aucun écart de dilatation significatif détecté sur des mesures comparatives réalisées entre 173K et 423K (-100°C + 150°C), avec une résolution de 10⁻⁹ K⁻¹.

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