Technical specifications

Keramull KM RR-LTE

Silicon-carbide based roller, designed for use in the rapid cooling zone of the kiln. It is characterized by a high resistance to oxidation and can operate at temperatures of up to 1000°C. Thanks to its high thermal conductivity and low coefficient of thermal expansion, it ensures maximum stability under temperature variations.

Mineralogical composition

- Silicon carbide
- Cordierite

Type

Special Products

Al_2O_3 content	25%
Bulk density	2.40 Kg/dm^3
Apparent porosity	17.0%
Absorbed water	7.0%
M.O.E. 20°C	> 55 GPa
Thermal expansion 20-400°C	2.3*10^{-6}K^{-1}
Thermal expansion 20-1000°C	3.15*10^{-6}K^{-1}

Typical use

- Rapid cooling zone
- Final cooling (RCC)

