CFS Cordieriet

Technical Data Sheet

MATERIAL IDENTIFICATION	DESIGNATION
Material description	CDE/RP16
Material Type	Dense cordierite
Similar to material class according to DIN EN 60672	C 410
Trade name	BL7

CRITERIA	TYPICAL VALUES
SiO_2	49 wt %
Al_2O_3	40 wt %
MgO	6 wt %
Fe_2O_3	1 wt %
porosity	max. 0,5 vol%
density	min. 2,1 g/cm³
flexural strength	min. 60 MPa
coefficient of thermal expansion (20°C ... 600°C)	$2...4 * 10^{-6} K^{-1}$

The stated values were established at specimens. For further information see DIN EN 60672. Respectively, the stated values cannot be applied to other forms and dimensions. Therefore we recommend a part-specific verification depending on the application.