CHEMICAL ANALYSIS	
- Al_2O_3	*38.5 ± 0.5 %*
- SiO_2	*44.5 ± 0.5 %*

CRYSTALLOGRAPHIC ANALYSIS	
	Cordierite/Mullite

CHEMICO/PHYSICAL CHARACTERISTICS	
- Weight-Volume	*2.04 ± 0.01 kg/dm³*
- Apparent Porosity	*20 ± 1.0 %*
- Absorbed Water	*10 ± 1.0 %*
- Bending Strenght 20°C	*19 ± 1 N/mm²*
- Bending Strenght 1250°C	*16 N/mm²*
- Thermal Expansion 50-1250°C	*3.4 x 1/k x 10^{-6}*
- Thermal-Shock Resistance	*Good*
- Maximum Operating Temperature	*1280/1300°C*

MAX DIMENSIONS	
- Width	*610 mm*
- Lenght	*1250 mm*

STANDARD DIMENSIONAL TOLERANCES	
- Thick	*± 3 % | min. ± 1.5 mm*
- Lenght	*min. ± 1 mm*
- Width	*± 0.75 % | min. ± 1.5 mm*
- Deformation on Diagonal	*± 0.2 % | min. ± 1 mm*
- Deformation on Diagonal for Machined Surfaces	*min. ± 0.5 mm*