



ENGLISH

Datasheet

Calcium-Magnesium Silicate Thermal Insulating Sheet

RS Stock number [775-7801](#)



Description:

It has excellent thermal insulation characteristics and exceptional handling properties. Very flexible and resistant to tearing, it is particularly suited to all applications requiring further processing (laminated composites, die-cutting, rolling, folding). The organic binder burns out cleanly on the first firing at approximately 300°C, with ignition starting at 180°C.

It has a good resistance to tearing and to thermal shock. It has a low shot content, is smooth on both sides and has a very low thermal conductivity. It is not affected by the presence of molten aluminium and has no reaction with alumina based bricks in application within the range of the typical use temperature.

Specifications:

Density:	0.1602 g/cm ³
Length:	2.2 m
Material:	Calcium-Magnesium Silicate
Maximum Operating Temperature:	1260 °C
Thermal Conductivity:	0.232 W/mK
Thickness:	3 mm
Width:	0.61 m