

**MINERAL PRODUCT**  
**Nador - Maroc**

**MPC** Mineral Product

**TECHNICAL SHEET**

• **PRODUCT IDENTIFICATION**

Name product : TERRASIL solid

Chemical name : Diatomite earth, calcined flux  
Chemical family : Non-metallic oxides

Molecular formula : SiO<sub>2</sub>

Product Usage : Filter medium. Adsorbent. Thickeners, Absorbents, filtration of liquids and gases. Products for insulation. Abrasive substances.

• **PHYSICAL AND CHEMICAL PROPERTIES**

**Chemical composition :**

AL <sub>2</sub> O <sub>3</sub>	12.22%
SiO <sub>2</sub>	81.55%
Fe <sub>2</sub> O <sub>3</sub>	1.2%
CaO	0.55%
MgO	0.75%
Na <sub>2</sub> O	1.20%
K <sub>2</sub> O	1.35%

Aspect : White or off-white powder or granules.  
Odour : Odorless  
Odor threshold : Not applicable  
Boiling point (° C) : Not applicable

Melting point / freezing point (° C)	: > 1 300.
Vapor pressure (mm Hg at 20 ° C)	: Not applicable
Vapor Density (air = 1.0)	: Not applicable
Density (g / cc)	: 0,46 – 0,51
Solubility	: < 1 %.
Volatility in% by volume	: 0%
PH	: 7-8
Volatile Organic Compounds	: nul

- **STORAGE STABILITY:**

Store the product away from moisture in the original, closed packaging.

It can result from prolonged storage under poor conditions a decrease in product performance.