

QUARTZITE



Short overview

Quartzite is a hard, non-foliated metamorphic rock which was originally pure quartz sandstone. Sandstone is converted into quartzite through heating and pressure usually related to tectonic compression within orogenic belts.

Chemical characteristics of the material

SiO₂ 97.02 m / m%

Al₂O₃ 0.46 m / m%

Fe₂O₃ 0.54 m / m%

CaO 0.18 m / m%

MgO 0.27 m / m%

TiO₂ 0.27 m / m%

K₂O 0.21 m / m%

Na₂O 0.02 m / m%

Use

In the electro-metallurgical industry for the production of ferro-silicates. As a coating material for all environments where high erosion resistance is required.