



Talc in ceramics

Talc can be used in several applications within the ceramic sector, for example talc is used as filler within technical ceramics, in automotive cordierite ceramics, several tiles and within fireproof ceramics. Further the micro crystalline structure of LITHOS talc offers the possibility to use the talc for electrical ceramic applications.

Talc is a catalyst in the ceramic industry and has a high temperature resistance. In general, the addition of talc has positive effects to ceramic, for example it increases the mechanical and optical properties of the ceramic material and glazes. Through the addition of talc the properties of the product can be changed and the combustion temperature is reduced. This has a positive effect on the production costs.

Effects and benefits:

- ✓ Increased thermal shock resistance and reduced fractures
- ✓ Improved whiteness and acid resistance
- ✓ Stabilizing of pyroplastic distortion (thermal expansion and firing contraction)
- ✓ Improvement of density and stability
- ✓ Reduction of cracking
- ✓ Reduction of firing cycles and processing temperature
- ✓ Increased resistance

Hint:

Our team is more than happy to help you.

Packaging:

- ✓ 20 or 25 kg bags
- ✓ Pallets
- ✓ Big Bag
- ✓ Bulk in Silo truck

Recommendation of use:

- ✓ Talc LKB series
- ✓ Talc LEC series