



Talc in plastics

The application spectrum for talc in plastics is nearly unlimited.

Talc can be used among other things in automotive industry, food packaging industry, for white goods, cases for laptops, window profiles and polypropylene production.

During the production process and in the application the material act as a functional filler (for example as an anti-caking agent, a processing aid inert carrier and absorbent, etc.)

The use of talc improves the specific characteristics of plastics an increases the quality, therefore purity, aspect ratio, particle size distribution and whiteness are the determining factors.

Effects and benefits:

- ✓ Through its laminar structure and the high aspect ratio of talc the stiffness increase.
- ✓ Talc acts as a lubricant and is particularly gentle to machines
- ✓ Increases the scratch resistance
- ✓ A pure talc, with a low loss of ignition and a high aspect ratio, helps keep plastics parts dimensionally stable.
- ✓ Increases resistance to UV radiation
- ✓ Variation of the flow properties
- ✓ Ideal anti-blocking agent
- ✓ Extremely fine talc acts as nucleation excipient and increases the heat resistance and crystallization temperature of plastics.

Hint:

Our team will help you gladly.

Packaging:

- ✓ 25 kg bags
- ✓ Bags on Pallets
- ✓ Big Bag
- ✓ bulk in silo trucks

Recommendation for use:

- ✓ Talc LP-series (extraordinary white and highly laminar products)
- ✓ Talc LPS-series (products with good aspect ratio and whiteness)
- ✓ Talc LPP-series (white products for darker applications)
- ✓ Talc LKB-series (moderate whiteness, for dark applications)