

LITHOS Talc

Functional additive for a variety of applications.



Advantages and properties:

- Highly lamellar, the softest mineral (Mohs hardness 1)
- Very high whiteness => suitable for applications in plastic, paper or coating industry
- Top cut to 10 microns
- Hydrophobic (water-repellent), not soluble in water
- Chemically inert, acid and alkali resistant
- Organophile (binds easily with organic materials)
- Electrically and thermally insulating

Application Examples

- **Plastics:**
Filler medium for polypropylene/polyamide/polyethylene; increases rigidity and whiteness levels, acts as nucleating agent, insulating, flame-retarding, water-repellent
- **Paints and coatings:**
Architectural, coating and corrosion protection, grindable systems, adhesives; improved viscosity and covering power, prevents sedimentation, fixes pigments
- **Paper:**
Filler material, pitch control, surface coating; improves whiteness, opacity and printability
- **Ceramics, rubber, asphalt:**
Filler material; increases rigidity and temperature resistance, reduces processing temperature
- **Pharmacy and cosmetics:**
powder, additive for pills; serves as a carrier for both dry and moisture materials
- **Food and animal feed**
Release agent and carrier substance for colours and nutrients (food additive E553b), flow regulating agent
- **Other uses:**
Process additive, lubricant and anti-adhesive, clearing effect in waste water