



## LITHO FILL

Functional additive in various industrial applications.

The **LithoFill** product series is based on a very pure, natural clinoptilolite zeolite, which is characterized by a very high porosity and cation exchange capacity.

Because of their high clinoptilolite content, these products act as functional additives with specific properties in various industrial applications.

Due to the high cation exchange capacity of **LithoFill**, the product is able to bind and neutralize large quantities of molecules – this captures unwanted odors and liquids or releases specific flavours.

### Benefits and effects

- ✓ Pure natural zeolite with high clinoptilolite content
- ✓ High cationic exchange capacity
- ✓ Increases stability through crystal lattice structure
- ✓ Low weight and density
- ✓ High porosity
- ✓ Bind unwanted odors
- ✓ Improvement product properties
- ✓ Functional additive
- ✓ 100% natural

### Applicaton Examples:

- ✓ **Carrier:** For liquids and gases (e.g. plastics with specials aromas)
- ✓ **Paints and coatings:** Anti settling agent, odor binder, thickener
- ✓ **Plastics industry:** Odor binder, carrier material for flavours, reduction of volatile organic compounds (VOC), increased breath ability
- ✓ **Filler material in rubber:** Improvement of hardness, increase of tensile strength and elongation at break, increase of ingnition temperature, reduction of density
- ✓ **Additive in adhesives:** Increase fo adhesive bond (larger surface), faster drying, odor reduction
- ✓ **Construction chemicals / Industry:** Prevention of segregation, prevention of cracking, increase of material strength

### Product overview:

- ✓ LithoFill MM (0 – 10 µm)
- ✓ LithoFill BM (0 – 25 µm)
- ✓ LithoFill (0 – 180 µm)
- ✓ LithoFill Spezial (20 – 400 µm)