



LithoFill in Rubber

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.

In rubber, **LithoFill** increases tensile strength and tensibility, This is related to the fact, that using clinoptilolite as filler to (partly) compensate carbon black extends the optimal time of vulcanization.

In Addition, LithoFill as additive decreases rubber density and improves the ignition temperature

Benefits and effects

- ✓ Natural zeolite with high clinoptilolite content
- ✓ Increased stability due to its crystalline structure
- ✓ Increased tensile strength and tensibility
- ✓ Higher elongation at break
- ✓ Lower weight and density
- ✓ Binding/neutralization of odor
- ✓ Functional additiv
- ✓ 100% natural

Product overview:

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