

Technical Data Sheet

Finntalc M30



Introduction:

A, 97 % pure, talc (Mg-Silicate) with magnesite and chlorite residue.

CAS-No. 14807-96-6 EINECS-No. 238-877-9

Uses:

Filler for the silicone rubber compounding industry. Also has uses in cable industries.

Typical Characteristics:

| Composition | | | |
|-------------|---|-----------------------------|---------|
| | Substance | % by Weight | |
| | MgO | 31 | |
| | SiO ₂ | 60 | |
| | Al ₂ O ₃ | 0.5 | |
| | FeO | 2.1 | |
| Properties | | | |
| | Description | Unit | Value |
| | Loss on ignition | % | 6 |
| | Fe acid solubles (1mol/l HCl, 100°C) | % | 0.2 |
| | pH | | 9.1 |
| | Packed bulk density | g/cm ³ | 0.78 |
| | Bulk density | g/cm ³ | 0.5 |
| | Specific surface area | m ² /g | 3 |
| | Hegman fineness | | 120 (-) |
| | Hardness | Mohs | 1 |
| | Abrasion | mg | 7 |
| | Moisture | % | 0.05 |
| | Oil absorption | g/100g | 30 |
| | Optical Properties | Brightness Ry | 80 |
| | | CIE L* | 92 |
| | | CIE a* | -0.45 |
| | | CIE b* | 1.23 |
| | | Yellowness Index | 2.7 |
| | Particle size distribution – Sedigraph 5100 | Top cut (d98%) | µm |
| | | Median particle size (d50%) | µm |
| | | Particles < 2 µm | % |

Packaging:

Dry powder in 25 kg multiply paper bags.

Health & Safety:

Detailed advice on the Health & Safety aspects of this product is given in the individual product Safety Data Sheet (SDS), available upon request.