

PRODUCT INFORMATION

suter-kunststoffe ag
swiss-composite.ch

CH-3312 Fraubrunnen 031 763 60 60 Fax 031 763 60 61
 www.swiss-composite.ch info@swiss-composite.ch

FINNTALC M15 - AW

MINERALOGY

Talc (Mg-Silicate) 96 %
 Residue magnesite and chlorite

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

CHEMICAL ANALYSIS OF THE RAW MATERIAL

MgO 31 %
 SiO₂ 60 %
 Al₂O₃ 0.5 %
 FeO total 2.2 %
 Fe acid soluble (1mol/L HCl, 100°C) 0.2 %
 Loss on ignition (DIN 51081/1000°C) 5.8 %
 pH value (ISO 787/9) 9.1

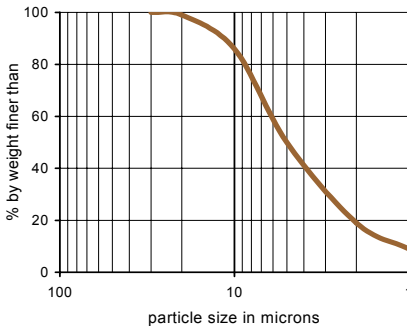
OPTICAL PROPERTIES

Brightness Ry (DIN 53163) 84 %
 CIE L*, a*, b* (DIN 6174) 93.5/-0.3/1.6
 Yellowness Index DIN 6167 2.4

PHYSICAL PROPERTIES

Sedigraph 5100

Particle size distribution Sedigraph 5100
 - Top cut (d98%) 22 µm
 - Median particle size (d50%) 5 µm
 - Particles < 2 µm 20 %
 Hegman fineness (ISO 1524) 4
 Sieve residue (ISO 787/7, 45 µm) 0.01 %
 Specific surface area (BET, ISO 4652) 6.0 m²/g
 Oil absorption (ISO 787/5) 43 g/100g
 Abrasion (Einlehner AT 1000) 5 mg
 Hardness (Mohs) 1
 Packed bulk density (ISO 787/11) 0.45 g/cm³
 Bulk density (DIN 53468) 0.30 g/cm³
 Moisture (ISO 787/2) 0.2 %



The information contained in this Technical Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. The information provided herein is based on technical data that Omya believes to be reliable, however Omya makes no representation or warranty as to the completeness or accuracy thereof and Omya assumes no liability resulting from its use or for any claims, losses, or damages of any third party. Recipients receiving this information must exercise their own judgement as to the appropriateness of its use, and it is the user's responsibility to assess the material's suitability (including safety) for a particular purpose prior to such use.

This product is suitable for food contact, but not for human consumption. For use in foodstuff, pharmaceutical or cosmetics, please contact your local distributor.

This product does not contain detectable amounts of asbestos fibres as defined by the US Occupational Safety and Health Administration (OSHA) and the European Directive 83/477/EEC, when analysed by conventional methods. The detection limit of the applied method of analysis is less than 0.1wt%. This statement is based upon verification by certified independent laboratories.

date: 29.08.2007
 version: 002