



Richard Baker Harrison Talc

MAGSIL SAPPHIRE 350 #

MINERALOGICAL COMPOSITION

A high purity talc which may contain trace quantities of dolomite, magnesite and/or chlorite

Free Quartz 0.9 %

This product contains no detectable amounts of asbestos type minerals

CHEMICAL ANALYSIS

MgO 31.5 %
 SiO₂ 55.6 %
 Al₂O₃ 0.4 %
 Fe₂O₃ 0.4 %
 CaO 2.0 %

CHEMICAL PROPERTIES

Loss on ignition 9.4 %
 Solubility in water 0.1 %
 Acid solubles 11.2 %
 pH 7

PHYSICAL PROPERTIES

Specific gravity 2750 kg/m³
 Tamped density 890 kg/m³
 Hardness (Mohs) 1

Oil absorption 35 g/100g

Whiteness Minolta Cr 200 L* 94.6
 a* -0.1
 b* 0.7
 Y 86.7
 Y 82 min

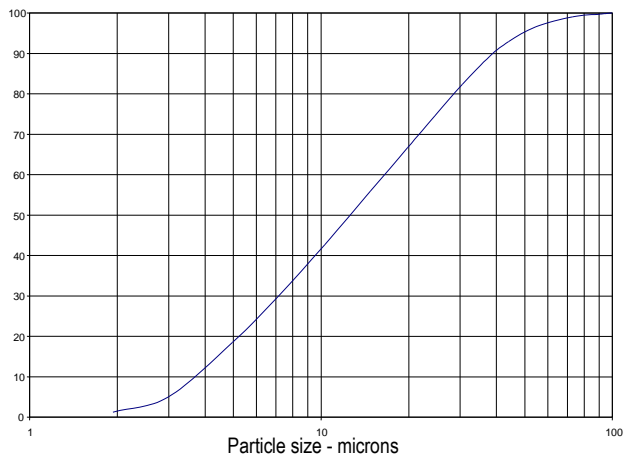
% passing 150 micron sieve 99.99 %min

% passing 45 micron sieve 98 %min

Particle size distribution - Malvern 3601
 - 75 um 99 %
 - 30 um 82 %
 - 20 um 67 %
 - 10 um 43 %

Average particle size d₅₀ 12.7 microns

Dry powder in 25 kg paper bags 0.5 % moisture content max
 Dry powder in bulk



PACKAGING

The data given on this sheet is based on test results believed to be representative of the product and should not be interpreted as a binding specification

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Responsible Care

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