

AMERICAN TALC COMPANY

AMTAL C-98

Description and Applications

AMTAL C-98 is a white-firing talc that is ideal for traditional, refractory and technical ceramic applications.

Traditional applications include:

- Wall and Floor Tiles
- Tableware
- Sanitaryware
- Electrical Insulators
- Porcelain
- Hobbyware

As a flux in high alumina ceramics, Sanitaryware and dinnerware, AMTAL C-98 produces less porous bodies at lower temperatures.

AMTAL C-98 can also be used in technical ceramics where it functions as the major silicate material replacing clays and feldspars in lower grade alumina products such as steatite ceramics and low-expansion cordierite materials.

AMTAL C-98 can also be used as an economical source of MgO.

Packaging

- 50 pound bags
- Supersacks
- Bulk

Shipping Point – Van Horn, TX

- Truck and Rail Loading Facilities

Typical Chemical Analysis

SiO ₂	53.5 %
MgO	29.5 %
CaO	3.5%
Al ₂ O ₃	< 0.5 %
Fe ₂ O ₃	< 0.5 %
TiO ₂	< 0.1 %
K ₂ O	< 0.3 %
Loss On Ignition - 1000°C	10 % - 12 %
Quartz	< 1 %

Typical Physical Properties

Passing 200 mesh sieve	98 %
Passing 325 mesh sieve	89%
Specific Gravity	2.8 g/cc
Free Moisture	< 1 %
Fired Brightness	
GE Method	88 +
Hunter - L	92 +
Fired Shrinkage	0.4%

Typical Mineral Analysis

Talc	
Dolomite	
Quartz	< 1 %

Analysis of American Talc products by TEM, SEM, PLM and EDX has consistently verified that there are no asbestiform minerals present

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The information and data presented herein is based on testing and research given in good faith and believed to be accurate. Natural mineral products are subject to normal variations related to the natural deposit from which they are mined. The user is responsible for determining the performance suitability for their process and their products/production needs. American Talc does not warrant the results and disclaims all liability for any inaccuracies or omissions, or for any direct, special, indirect or consequential damages or losses of whatever kind resulting from any causes, or from products and information mentioned on this product data sheet. Customers' uses of these talc products must comply with the MSDS and all other applicable environmental, health and safety regulations.