

M20W93

Technical Datasheet

Chemical Name	TALC M20W93	
Grade Name	M20W93	
CAS No.	14807-96-6	
HS Code	25262000	
EINECS No.	238-877-9	
Molecular Formula	3MgO.4SiO2.H2O	
Synonyms	• HYDROUS MAGNESIUM SILICATE • MAGNESIUM SILICATE • SOAPSTONE	
TEST	SPECIFICATION	METHOD
Appearance	White fine powder	Visual
Moisture %	Max 0.5	Thermogravimetry
Whiteness %	Min 90	Colorimeter/Spectrophotometer/Whiteness meter
Silicon %	55.0-61.0	XRF
Magnesium %	29.0-35.0	AAS
Iron %	Max 0.5 (5000 ppm)	AAS
Content Asbestos (ppm)	Absent	AAS
Bulk Density - Tapped @25°C (gm/ cm3)	Min 0.80	Graduated Cylinder
Particle Size D99 Microns	Max 20	Particle Size Analyzer (Wet Method)

Product Information:

- Micronized talc is excellent Mineral Nucleating agent for polymer applications.
- Micronized talc is used in polypropylene to increase both stiffness and resistance to high temperature creep.
- Micronized talc is widely used as anti block in film application.
- Micronized talc is used to reinforce and/or fill thermoplastics, to control melt flow, reduce creep in molded parts, increase molding cycles, increase heat deflection temperature and improve dimensional stability.
- Micronized talc is used in TiO2 extension, chemical resistance, leveling, film integrity and weatherability.
- Micronized talc is used for pitch adsorption in pulp and paper mills because of its low abrasion and its ability to preferentially wet oily materials in the presence of water.
- Micronized talc is used in paper and paper coatings for improved gloss,opacity,brightness,and ink holdout.
- Micronized talc is used as a functional filler in adhesives and sealants.
- Micronized talc is used to prevent wicking in automotive under coatings.
- Micronized talc is used as filler and dusting agent for rubber.
- Micronized talc is used as filler in carpets and textile backings.

Product Handling & safety:

Please refer to our product MSDS for specific instructions on handling this product.

Polymer Add (Thailand) Co; Ltd.



Product Registration:This product is approved for use in food contact polymer as per the following chapter headings.

Title: 21- Food and Drugs.

Chapter: I- Food And Drug Administration, Department Of Health And Human Services.

Subchapter: A - General.

Part: 73- Listing Of Color Additives Exempt From Certification.

Subpart: B - Drugs

Section: 73.1550 - Talc.

Product Registration:This product is approved for use in food contact polymer as per the following chapter headings.

Title: 21- Food and Drugs.

Chapter: I- Food And Drug Administration, Department Of Health And Human Services.

Subchapter: B- Food For Human Consumption (Continued).

Part: 176 - Indirect Food Additives: Paper And Paperboard Components.

Subpart: B- Substances for Use Only as Components of Paper and Paperboard.

Section: 176.170- Components of paper and paperboard in contact with aqueous and fatty foods.

Product Registration:This product is approved for use in food contact polymer as per the following chapter headings.

Title: 21- Food and Drugs.

Chapter: I- Food And Drug Administration, Department Of Health And Human Services.

Subchapter: B- Food For Human Consumption (Continued).

Part: 178 -Indirect Food Additives: Adjuvants, Production Aids, And Sanitizers.

Subpart: D- Certain Adjuvants and Production Aids.

Section: 178.3297- Colorants for polymers.

Product Registration:This product is approved for use in food contact polymer as per the following chapter headings.

Title: 21- Food and Drugs.

Chapter: I- Food And Drug Administration, Department Of Health And Human Services.

Subchapter: B- Food For Human Consumption (Continued).

Part: 182- Substances Generally Recognized As Safe.

Subpart: A- General Provisions.

Section: 182.70- Substances Migrating From Cotton And Cotton Fabrics Used In Dry Food Packaging.

Product Registration:This product is approved for use in food contact polymer as per the following chapter headings.

Title: 21- Food and Drugs.

Chapter: I- Food And Drug Administration, Department Of Health And Human Services.

Subchapter: B- Food For Human Consumption (Continued).

Part: 182- Substances Generally Recognized As Safe.

Subpart: A- General Provisions.

Section: 182.90- Substances Migrating To Food From Paper And Paperboard Products.

Product Disclaimer

Important : This statement supersedes any Buyers documents. Seller makes no representation, Warranty, Express or Implied, Including of Merchantability of Fitness for a particular use, or purpose.

No statement herein is to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence breach of warranty, strict liability, and tort or contact rising in connection with product(s). Buyers sole remedy and Sellers sole Liability for any claims shall be buyers purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its indented conditions of use.

This product is not been tested for, and is therefore not recommended for, use for which prolonged contact with mucous membranes, abraded skin, or blood is intended, or for use for which implantation within human body is intended.