

BP-500A-FG

Technical Datasheet

Chemical Name	CLAY BENTONITE	
Grade Name	BP-500A-FG	
CAS No.	1302-78-9	
HS Code	25081000	
EINECS No.	215-108-5	
Molecular Formula	Al ₂ O ₃ .4(SiO ₂).H ₂ O	
Synonyms	• MONTMORILLONITE	
TEST	SPECIFICATION	METHOD
Appearance	White powder	Visual
Moisture %	Max 3.5	Karl Fischer Method
Bulk Density - Tapped @25°C (gm/ cm ³)	0.25	Graduated Cylinder
Specific Gravity	1.7	Hydrometer

Product Information:

- BP-500A-FG is mainly used as modifier in polyolefin and twin screw melt extrusion of thermoplastic polymers such as EVA, TPO.
- It improves the tensile strength, flexural strength, modulus and other mechanical properties
- Improve the heat distortion temperature (HDT), dimensional stability, gas barrier properties, flame retardant properties of the polymer

Product Handling & safety:

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

Product Registration:BP-500A-FG 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: 184 -- DIRECT FOOD SUBSTANCES AFFIRMED AS GENERALLY RECOGNIZED AS SAFE

Subpart: B - Listing of Specific Substances Affirmed as GRAS

Section: 184.1155 Bentonite.

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.

Polymer Add (Thailand) Co; Ltd.

