

ZEO-SOFT

Technical Datasheet

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| Chemical Name | ZEOLITE | |
| Grade Name | ZEO-SOFT | |
| CAS No. | 1318-02-1 | |
| HS Code | 38249022 | |
| EINECS No. | 215-283-8 | |
| Molecular Formula | Na ₂ O-Al ₂ O ₃ -xSiO ₂ -yH ₂ O | |
| Synonyms | <ul style="list-style-type: none"> Hydrated aluminum silicate | |
| TEST | SPECIFICATION | METHOD |
| Appearance | White fine powder | Visual |
| Whiteness | Min 97% | Whiteness Meter |
| pH (2% Solution) | Max 11 | pH meter |
| Loss On Ignition % | @ 800 degrees Max 23% | Thermogravimetry |
| Particle Size D50 Microns | Max 2.5 Microns | Particle Size Analyzer (Wet Method) |
| Particle Size D99 Microns | Max 10 Microns | Particle Size Analyzer (Wet Method) |
| % Al ₂ O ₃ | Min 35% | XRF / AAS / ICP |
| Water absorption capacity | Min 31 g/ 100 gm | ASTM D570 |

Product Information:

- Zeolite clinoptilolite is a natural mineral in volcanic rock with strong absorption properties and high ionic exchange.
- Zeolite exchanges sodium for calcium and magnesium in water.
- Zeolite removes the water hardness almost completely.
- Zeolite process automatically adjust itself for variation in hardness of incoming water.
- Zeolite process does not involve any type of precipitation, thus, no problem of sludge formation occurs.

Product Handling & safety:

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

Product Registration:

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 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.