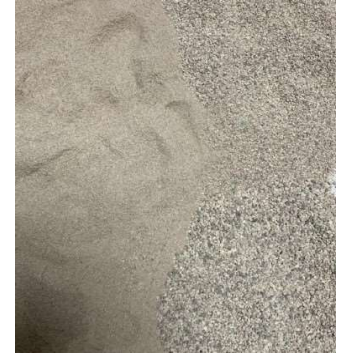


SEPIOLITE (SP2 - *feed grade*)

Description: Sepiolite content ratio 60-75% .Sepiolite is a naturally rich, lightweight, porous mineral. The sepiolite mineral contains numerous channels, allowing it to trap liquids, which distinguishes it from other clays. Its properties; free flow, anticaking, chemical inertia and atoxicity makes sepiolite outstanding for use as; growth promoters, carrier of supplements, a binder of the feed. It is a superior binder for all kinds of feed from the very fatty types to fibrous depending on the species of animal.

- | | |
|---------------------|--|
| 1. Chemical Name | SEPIOLITE |
| 2. Chemical formula | $Mg_4Si_6O_{15}(OH)_2 \cdot 6H_2O$ |
| 3. Molecular Weight | 552.93 g/mol |
| 5. CAS No. | CAS:63800-37-3 |
| 6. Appearance | powder |
| 7. Density | 0,65 - 0,70 gr/cm3 |
| 8. Texture | Fibrous or Needle-like Crystal Structure, Porous Structure, Soft and Chalky appearance |
| 9. Odor | None |
| 10. Color | White to light gray |
| 11. Moisture | 10 - 20% (typical) |



left: 0-150micron right: 100-600 micron

SPECIFICATION TABLE					
Parameters	Unit	Specifications	Unit	Analysis Results	Analiz
Parametreler	Birim	Spesifikasyonlar	Birim	Sonuçları	Metod
MgO	%	20-22	%		
SiO2	%	35-50	%		
CaO	%	0,5-3	%		
Fe2O3	%	1-3	%		
Al2O3	%	0,5-3	%		
Na2O	%	0,1-0,5	%		
K2O	%	0,1-0,5	%		
MnO	%	NA	%		
P2O5	%	NA	%		
TiO2	%	0 - 0,1	%		
A.Z.	%	20-30	%		

- | | |
|--------------------------|--|
| 13. Applications | Odor Absorbent, Agriculture, Wastewater Treatment, Oil Refining Industry, Construction and Ceramic, Cat Litter, Cosmetic & Personal Care, Insulation purposes, Feed Additive... |
| 14. Packaging | : Big bags, 25 Kg bags, 10 Kg bags or bulk |
| 15. Health & Safety | : Sepiolite is generally considered safe. However, inhaling the dust over long periods can cause respiratory issues. It is recommended to use appropriate protective equipment (masks, gloves) when working with sepiolite |
| 16. Geo.Location | : Eskisehir / Türkiye (Middle Anatolia) |
| 17. Chemical Composition | : The main component of sepiolite is hydrated magnesium silicate, |
| 18. Particle Size | : 0-150 micron
: 100-600 micron |