

SEPIOLITE (SP3)

Description: Sepiolite content ratio 45-60% 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. **ANIMAL FEED;** 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.** 63800-37-3
6. **Appearance** from powder grades to granules
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)

SPECIFICATION TABLE					
Parameters	Unit	Specifications	Unit	Analysis Results	Analiz
Parametreler	Birim	Spesifikasyonlar	Birim	Sonuçları	Metod
LOI	%	18-22	%		
SO3	%	35-50	%		
AlSO3	%	10-15	%		
CaO	%	1-4	%		
MgO	%	1-4	%		
Fe2O3	%	0,1-0,5	%		
Na2O	%	0,1-0,5	%		
SiO2	%	0	%		
K2O	%	0	%		
TiO2	%	0-0,1	%		
A.Z.	%	20-30	%		

13. **Applications** Odor Absorbent, Agriculture, Wastewater Treatment, Oil Refining, Industry, Construction and Ceramic, Cat Litter, 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. Non-Toxic.
16. **Geo.Location** Eskisehir / Türkiye (Middle Anatolia)
17. **Chemical Composition** The main component of sepiolite is hydrated magnesium silicate,
18. **Particle Size** 1-4 mm
1-7 mm