

## Atlantic Talc 20

CAS-Nr.: 14807-96-6  
 ISO/DIS 3262-11 Grade A

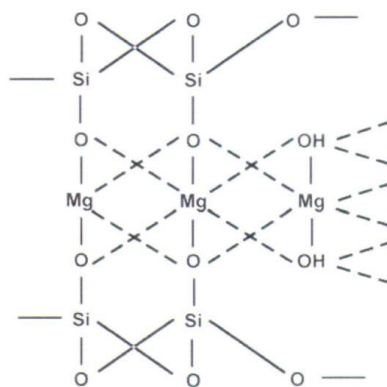
Atlantic Talc is micronized from a high purity steatite source, originating with exceptionally high brightness from the world's best reserve in India. Atlantic Talc is extremely lamellar with a high aspect ratio. This product is free from crystalline silica and free of asbestos.

### Chemical Analysis

Talc is a magnesium silicate hydrate with the formula  
 $2 \text{MgO} \cdot 4 \text{SiO}_2 \cdot \text{MG} (\text{OH})_2$

SiO <sub>2</sub>	61.07%
MgO	32.88%
CaO	0.40%
Al <sub>2</sub> O <sub>3</sub>	0.30%
Fe <sub>2</sub> O <sub>3</sub>	0.45%

Loss on Ignition 4.9% (ISO 3262-1)



### Typical Properties

Particulars	Atlantic 20	Test Methods
Brightness	89-93	DIN 53 163 - 1977
Specific Gravity	2.7	ISO 787 - 10
Bulk Density (gm/Ltr)	300 - 400	DIN 468
Oil Absorption (G/ 100 G)	44 - 50	ISO 787 - 5
Ph (10% Aq. Slurry)	8.5 - 9.5	ISO 787 - 9
Moisture (105°)	0.2	ISO 787 - 2
Particle Size Distribution		SERIGRAPH 5100
d97 - μ	10	
d50 - μ	3	
Hegman	5	
Refractive Index	1.57	ASTM D 1210 - 79
Hardness	1	MOHS SCALE