

# Talc (soap stone)



Talc is a hydrated magnesium silicate. Its the softest rock in the world.

Talc is a highly prized multi-functional filler and process enabler in various applications from plastics to paper, ceramics to paint.

Pretium Building, with the best quality Talc mines and advanced factories, meets the needs of various manufacturing industries for Talc in lumps or powder. Please contact our business department to buy this product or get additional information.



WhatsApp:+971-582814455    Skype: Rana-Ahmad

[www.PRETIUMMETALS.ae](http://www.PRETIUMMETALS.ae)

Address:Mankhool,Dubai-UAE

# Talc

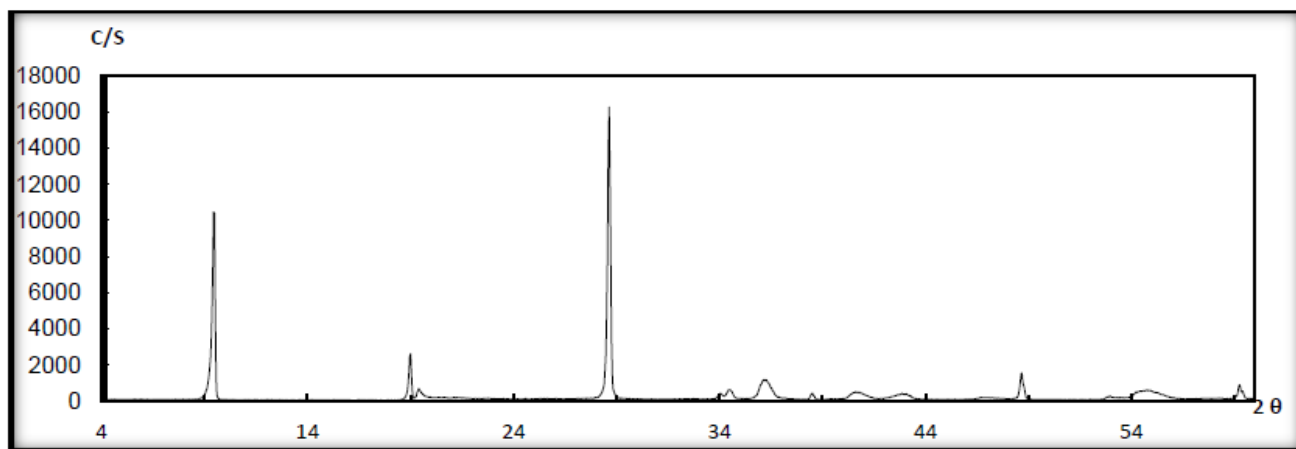
Super White

XRF &amp; XRD Analysis



| Row | Sample | SiO2 (%) | Al2O3 (%) | Fe2O3 (%) | CaO (%) | Na2O (%) | K2O (%) |
|-----|--------|----------|-----------|-----------|---------|----------|---------|
| 1   | Talc   | 62.03    | 0.06      | 0.24      | 0.15    | 0.02     | 0.02    |

| Row | Sample | MgO (%) | TiO2 (%) | MnO (%) | P2O5 (%) | LOI (%) | S (%) |
|-----|--------|---------|----------|---------|----------|---------|-------|
| 1   | Talc   | 32.42   | 0.014    | 0.013   | 0.010    | 4.98    | 0.012 |



|            |                |                |                |
|------------|----------------|----------------|----------------|
| Sample:    | Major Phase(s) | Minor Phase(s) | Trace Phase(s) |
| White Talc | Talc (19-0770) | --             | --             |
| Az : -     | Mg3Si4O10(OH)2 |                |                |
| Date :     |                |                |                |
| 16/6/2022  |                |                |                |
| kV = 40    |                |                |                |
| mA = 30    |                |                |                |
| Ka. = Cu   |                |                |                |
| Fil. = Ni  |                |                |                |

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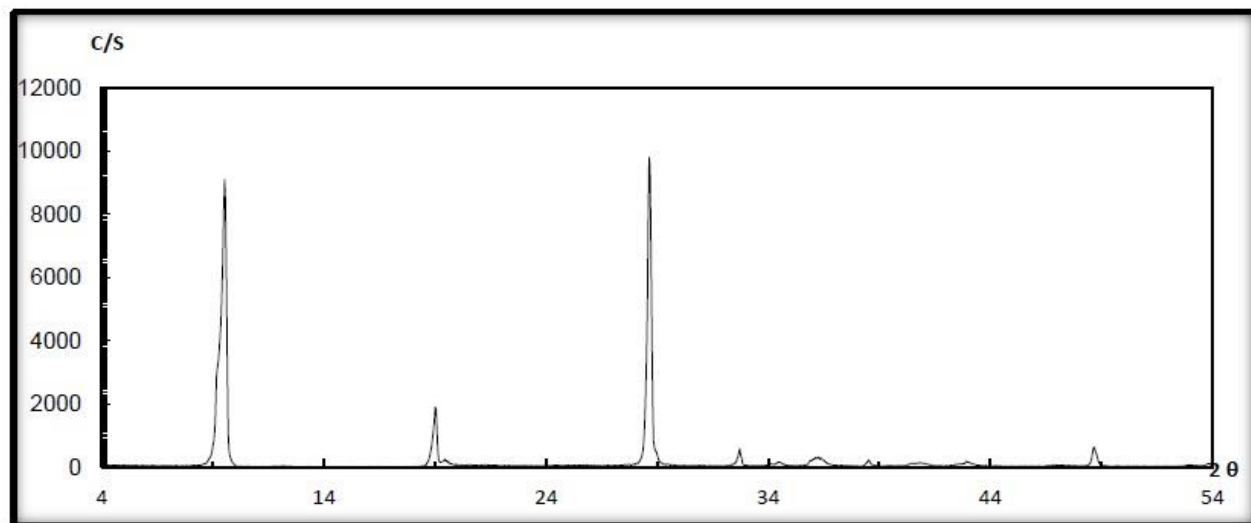
White

XRF & XRD Analysis



| Row | Sample | SiO2 (%) | Al2O3 (%) | Fe2O3 (%) | CaO (%) | Na2O (%) | K2O (%) |
|-----|--------|----------|-----------|-----------|---------|----------|---------|
| 1   | Talc   | 56.98    | 0.33      | 0.29      | 0.70    | 0.01     | 0.01    |

| Row | Sample | MgO (%) | TiO2 (%) | MnO (%) | P2O5 (%) | LOI (%) | S (ppm) |
|-----|--------|---------|----------|---------|----------|---------|---------|
| 1   | Talc   | 33.25   | 0.046    | 0.007   | 0.022    | 8.24    | 16      |



|            |
|------------|
| Sample:    |
| Talc       |
| Az: 1142-1 |
| Date :     |
| 31/10/2022 |
| kV = 40    |
| mA = 30    |
| Ka. = Cu   |
| Fil. = Ni  |

| Major Phase(s)                   | Minor Phase(s)               | Trace Phase(s) |
|----------------------------------|------------------------------|----------------|
| Talc (19-0770)<br>Mg3Si4O10(OH)2 | Magnesite (08-0479)<br>MgCO3 | --             |

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# Talc

Off-White  
XRF & Physical Analysis

| Row | Sample | SiO2 (%) | Al2O3 (%) | Fe2O3 (%) | Cao (%) | Na2O (%) | K2O (%) |
|-----|--------|----------|-----------|-----------|---------|----------|---------|
| 1   | Talc   | 56.2     | 1.52      | 3.91      | 0.40    | 0.11     | 0.12    |

| Row | Sample | MgO (%) | TiO2 (%) | MnO (%) | P2O5 (%) | LOI (%) | SO3 (%) |
|-----|--------|---------|----------|---------|----------|---------|---------|
| 1   | Talc   | 29.3    | 0.046    | 0.024   | 0.022    | 8.24    | 0.03    |

| Specification       | Result            |
|---------------------|-------------------|
| Appearance          | Light gray powder |
| Whiteness           | 65                |
| Solubility in water | Insoluble         |
| PH in water         | 9                 |
| Specific Gravity    | 2.7               |
| Particle Size       | 1500 Mesh         |
| Moisture Content    | Less than 1%      |
| Oil absorption      | 40-45             |