

PRODUCT SPECIFICATION

Ground Colemanite

[-45 Micron]

$2CaO \cdot 3B_2O_3 \cdot 5H_2O$

Di-Calcium Hexaborate Pentahydrate

CAS No: 1318-33-8

Chemical Specification

| Component | Content |
|--------------|-----------------------------|
| B_2O_3 | 40.00 ±0.50 % |
| CaO | 27.00 ±1.00 % |
| SiO_2 | 4.00-6.50% |
| SO_4 | 0.60% max. |
| As | 35 ppm max. |
| Fe_2O_3 | 0.08% max. |
| Al_2O_3 | 0.40% max. |
| MgO | 3.00% max. |
| SrO | 1.50% max. |
| Na_2O | 0.50% max. |
| L.O.I. | 25.00% max. |
| Moisture | 1.00% max. |
| Bulk Density | 1.00 ton/m ³ max |

Particle Size Specification

| Size | Content |
|---------|-------------|
| +150 µm | 0.25% max. |
| -45 µm | 75.00% min. |

Rev. : 2017/00

EYS TBL ETİ 01/24.08.2015/00

PRODUCT SPECIFICATION

Ground Colemanite

[-75 Micron]

$2CaO \cdot 3B_2O_3 \cdot 5H_2O$

Di-Calcium Hexaborate Pentahydrate

CAS No: 1318-33-8

Chemical Specification

| Component | Content |
|--------------------------------|-----------------------------|
| B ₂ O ₃ | 40.00 ±0.50 % |
| CaO | 27.00 ±1.00 % |
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| SrO | 1.50% max. |
| Na ₂ O | 0.50% max. |
| L.O.I. | 25.00% max. |
| Moisture | 1.00% max. |
| Bulk Density | 1.00 ton/m ³ max |

Particle Size Specification

| Size | Content |
|---------|-------------|
| +150 µm | 0.50% max. |
| -75 µm | 82.00% min. |

Rev. : 2017/00

EYS TBL ETİ 01/24.08.2015/00

PRODUCT SPECIFICATION

Ground Ulexite

[-45 Micron]

$\text{Na}_2\text{O} \cdot 0.2\text{CaO} \cdot 0.5\text{B}_2\text{O}_3 \cdot 16\text{H}_2\text{O}$

Sodium-Calcium Pentaborate Octahydrate

CAS No: 1319-33-1

Chemical Specification

| Component | Content |
|-------------------------|------------------------------|
| B_2O_3 | 37.00±1.00% |
| CaO | 19.00% max |
| SiO_2 | 4.00% max. |
| SO_4 | 0.25% max. |
| As | 40 ppm max. |
| Fe_2O_3 | 0.04% max. |
| Al_2O_3 | 0.25% max. |
| MgO | 2.50% max. |
| SrO | 1.00% max. |
| Na_2O | 3.50% min. |
| Moisture | 1.00% max. |
| Bulk Density | 1.00 ton/m ³ max. |

Particle Size Specification

| Size | Content |
|---------|-------------|
| +150 µm | 0.25% max. |
| -45 µm | 75.00% min. |

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PRODUCT SPECIFICATION

Ground Ulexite

[-75 Micron]

$\text{Na}_2\text{O} \cdot 0.2\text{CaO} \cdot 0.5\text{B}_2\text{O}_3 \cdot 16\text{H}_2\text{O}$

Sodium-Calcium Pentaborate Octahydrate

CAS No: 1319-33-1

Chemical Specification

| Component | Content |
|-------------------------|------------------------------|
| B_2O_3 | 37.00± 1.00% |
| CaO | 19.00% max |
| SiO_2 | 4.00% max. |
| SO_4 | 0.25% max. |
| As | 40 ppm max. |
| Fe_2O_3 | 0.04% max. |
| Al_2O_3 | 0.25% max. |
| MgO | 2.50% max. |
| SrO | 1.00% max. |
| Na_2O | 3.50% min. |
| Moisture | 1.00% max. |
| Bulk Density | 1.00 ton/m ³ max. |

Particle Size Specification

| Size | Content |
|---------|-------------|
| +150 µm | 0.50% max. |
| -75 µm | 82.00% min. |

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