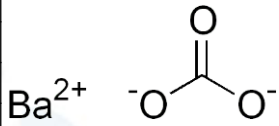


BARIUM CARBONATE



General Information

| | | |
|------------------|----------------------------|---|
| Chemical Formula | BaCO ₃ |  |
| Synonym | Barium Carbonate | |
| Origin | China | |
| H.S. Code | 28366000 | |
| CAS No. | 513-77-9 | |
| Molecular Weight | 197.34 g mol ⁻¹ | |

Application

| | |
|-----------------------|---|
| Ceramics Industry | It is used as a fluxing agent, water purifying agent and raticide. |
| Glass Industry | It is used to increase scratch resistivity and refraction. |
| Brick Industry | It is added to clays to precipitate soluble salts that cause efflorescence. |
| Paper Industry | It is used as a white pigment and paper coating agent for white paper processing. |
| Chlor-Alkali Industry | It is used to purify brine. |

Specification

| Property | Units | Value |
|--------------------------|-------------------|----------------|
| Appearance | | White crystals |
| Purity | % | 99.2 (min) |
| Density at 20°C | g/cm ³ | 4.286 |
| Solubility at 20°C | g/100 ml | 0.0024 |
| Melting point | °C | 811 |
| Boiling point | °C | 1360 |
| Refractive Index at 20°C | | 1.676 |

Packaging

- 800 @ 25 kg Woven Bag with Plastic Lining, 20 MT/20'FCL
- 400 @ 50 kg Woven Bag with Plastic Lining, 20 MT/20'FCL
- 200 @ 100 kg Woven Bag with Plastic Lining, 20 MT/20'FCL