



PRECIPITATED BARIUM CARBONATE, TECHNICAL

IS 3205:1984

Barium carbonate is one of the most important barium chemicals, excluding those which are used for pigments. It is used as a raw material in the manufacture of other barium compounds like barium chloride, barium nitrate, barium sulphate, barium hydroxide, barium oxide, etc. It is also used in the removal of sulphates (present as an impurity in small amounts) from water together with the precipitation of associated heavy metals, alkaline earth metal% and magnesium ions as their corresponding carbonates. It is also use as a flux in the ceramic industry, as an ingredient in optical glasses and special fine glassware in the treatment of steel required for the manufacture of high resistance steel articles, and as an ingredient in the composition used for rat poisoning compound.

The IS 3205:1984 prescribes the requirements and the methods of sampling and test for precipitated barium carbonate, technical.

The standards specify requirements of chemical composition, purity, and physical properties. The standard covers the packing and marking requirements.

Consumers expect that the product they receive will meet exact specifications. The **BIS standard** ensures that every batch of Barium Carbonate meets quality expectations in terms of purity, particle size, and reactivity.

The Precipitated Barium Carbonate (Quality Control) Order, 2020. mandates that Precipitated Barium Carbonate, sold, manufactured, or imported in India shall comply with IS 3205 and shall bear the Standard Mark under a license from the Bureau of Indian Standards.

In summary, the standards ensure that consumers receive high-quality, safe, and consistent barium chloride.