

Specification of Barium Carbonate

Barium carbonate is widely used in the ceramics industry as an ingredient in glazes. It acts as a flux, matting and crystallizing agent and combines with certain coloring oxides to produce unique colours not easily attainable by other means. Its use is somewhat controversial since some claim that it can leach from glazes into food and drink. To provide a safe means of use, BaO is often used in fritted form.

In the brick, tile, earthenware and pottery industries barium carbonate is added to clays to precipitate soluble salts (calcium sulfate and magnesium) that cause efflorescence.

Product Name : BARIUM CARBONATE		
CAS No.	513-77-9	
Molecular Formula	BaCO ₃	
Molecular Weight	197.34	
Description	White Powder / Off White Powder	
Specifications	Assay	Min 97 %
	Moisture	Max 0.25 %
	Matter insoluble in HCL	Max 1 %
	Iron as Fe ₂ O ₃	Max 0.1 %
	Reactivity	81-85 %
	Soluble sulphide as BaS	Max 0.4 %
	Alkali & other metals as sulphate	Max 2 %