

(PREVIEW)

Indian Standard

SPECIFICATION FOR LIMESTONE AND DOLOMITE FOR GLASS INDUSTRY

0 . F O R E W O R D

0.1 This Indian Standard (First Revision) was adopted by the Indian Standards Institution on 2 February 1973, after the draft finalized by the Glassware Sectional Committee had been approved by the Chemical Division Council.

0.2 This standard was first published in 1957. The Committee responsible for its preparation, however, felt that it would be more realistic to report the presence of silica as SiO_2 and lime and magnesia as CaO and MgO respectively, to obtain a practical assessment of the constitution of the material. Further, with the publication of IS : 1760-1962 'Methods of chemical analysis of limestone, dolomite and allied materials' in which methods have been prescribed which shall be useful as referee methods, the Committee decided to incorporate in this revision, method of rapid analysis based on the use of EDTA to make this standard more useful to the glass factories and the suppliers of the materials in keeping control on the quality of the product.

1. SCOPE

1.1 This standard prescribes requirements and methods of sampling and test for limestone and dolomite for glass industry for making colourless glass.

1.1.1 Inferior grades of the material containing higher percentage of iron and used for making certain types of coloured glasses are not covered in this standard.

*Rules for rounding off numerical values (*revised*).