



# Product Specification

## Product Name: ANTI BUMPING Granules TG

Alternate Name(s) 3-5mm fused alumina; Aluminum trioxide; Alum earth; Corundum;  
Description Aluminium oxide Calcined; Gooch crucibles.  
White balls, lumps or powder. Odourless. Very hygroscopic.

### Properties

Chemical Formula:

Molecular Weight: 101.96

Product Code: AT285

CAS No. 1344-28-1

### General Information:

Insoluble in water. Difficultly soluble in mineral acids and strong alkali. Incompatible with chlorine trifluoride and ethylene oxide. Non combustible material. Non-flammable. Do not breathe dust.

### Hazard and Safety Data

UN Group: None Allocated  
Class: None Allocated  
UN Number: None Allocated  
Hazchem code: None Allocated  
CS MSDS Code: 1CH00  
Poison schedule: Not Scheduled  
Emergency  
Procedure Guide No.: N/A

### Quality Specification

Assay: 99.0% min.

### Specific Properties and Impurities [Typical levels]:

Melting point	2050°C
Specific gravity	3.99
Silicon dioxide (SiO <sub>2</sub> )	≤ 0.03%
Iron oxide (Fe <sub>2</sub> O <sub>3</sub> )	≤ 0.2%
Sodium oxide (Na <sub>2</sub> O)	≤ 0.3%

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