



# Keeling & Walker

World Leader in Tin Oxide



Whieldon Road, Stoke-on-Trent, ST4 4JA, UK  
Telephone: +44 (0) 1782 744136  
Fax: +44 (0) 1782 744126  
e.mail: sales@keelingwalker.co.uk  
Website: www.keelingwalker.co.uk

## SUPERLITE TIN OXIDE

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Chemical Name: stannic oxide, tin (IV) oxide, SnO<sub>2</sub>

C.A.S. No: [18282-10-5] EINECS No: 2421590

Description: Stannic oxide produced thermally from high grade tin metal

Physical state: Inert white powder, comprising aggregates of spherical primary particles. Non-flammable. Specific Gravity 6.95

### TYPICAL PROPERTIES

Particle Size (Malvern Mastersizer):

|       |             |
|-------|-------------|
| D10%: | 0.1 microns |
| D50%: | 0.8 microns |
| D90%: | 2.4 microns |

Primary Particle Size: 0.3 microns

Surface Area (BET): 9 m<sup>2</sup> g<sup>-1</sup>

Bulk Density: 600 g l<sup>-1</sup>

Chemical data (as oxides):

|                            |                        |
|----------------------------|------------------------|
| Pb, Sb                     | each typically <0.03%  |
| Fe, Bi, Cu, As             | each typically <0.02%  |
| Co, Ni, Ag, Cd, Mg, Mn, Zn | each typically <0.001% |
| Total of impurities listed | 0.15% maximum          |

All information is given in good faith but without warranty.  
This Data Sheet supersedes and replaces all previous issues.

Keeling & Walker products are manufactured under the ISO 9001 Quality Management System and the ISO 14001 Environmental Management System