



LIGHT TIN OXIDE

DATA SHEET - 046 Issue 2, Effective Date: 23/04/2008

Chemical Name: stannic oxide, tin (IV) oxide, SnO₂

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%:	2.6 microns

Primary Particle Size: 0.3 microns

Surface Area (BET): 8 m² g⁻¹

Bulk Density: 650 g l⁻¹

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