



Keeling & Walker

World Leader in Tin Oxide



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HIGH SURFACE AREA TIN OXIDE (HSATO)

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Synonyms: Stannic oxide, tin (IV) oxide, SnO₂

C.A.S. No: 18282-10-5

EINECS No: 2421590

Description: High surface area tin oxide is supplied as a pale yellow powder consisting of aggregates of spherical primary particles. Uses include catalysis and ion exchange.

TYPICAL PROPERTIES:

Physical characteristics

Surface area (BET):	35 - 45 m ² g ⁻¹
Specific gravity:	6.5 - 6.95
Tap Density:	2000 - 2400g l ⁻¹
Median particle size (Malvern Mastersizer):	12 - 15 microns
Aggregate Particle Size:	< 250 microns

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 impurities	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