



Consolidated Alloys

A Division of C.A. Group Australasia Pty. Limited inc in Vic.

ABN 83 005 084 097

www.cagroup.com.au

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TIN OXIDE

PRODUCT DESCRIPTION:	Tin oxide produced thermally from high grade tin metal. It is an inert white powder, comprising aggregates of spherical primary particles. Non-flammable. Specific Gravity 6.95	
CONTROL PROPERTIES	This material is produced from tin metal conforming to the BS EN 610: 1996 specification (99.85% minimum purity)	
Chemical Data:		
Physical Data:	This material is manufactured and tested to conform to the following Sedigraph particle size distribution.	
	% Finer Than	Typical
	10 microns	99
	5 microns	99
	2 microns	98
	1 microns	96
	0.5 microns	79
		Control Range
		97 to 100
		97 to 100
		96 to 100
		93 to 99
		64 to 94
TYPICAL SIGNIFICANT PROPERTIES		
(1)	Surface Area (BET) m ² g ⁻¹	7 to 11
	Tap Density g l ⁻¹	600
	Chemical data, impurities (as oxides):	
	As, Bi, Co, Cu, Fe, In, Ni, Pb, Sb, Ag, Cd	Individual oxides 0.05% maximum
	Mg, Mn, Zn	0.01% maximum
	Total of all impurities Listed	0.15% maximum

All information is given in good faith but without warranty.

This Data Sheet supersedes and replaces all previous issues

(1) Based on bulk samples assayed at intervals.

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