

# CTM POTTERS SUPPLIES

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## SPEC SHEET

### TIN OXIDE SUPERLITE

Chemical name:	Stannic oxide, tin (IV) oxide, SnO <sub>2</sub>
CAS No.:	18282-10-5
CCCN No.:	282590 30 0
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	