



## STANOSTAT CPM10C POWDER

DATA SHEET - 030 Issue 5, Effective Date: 23/04/2008

Chemical Name: Conductive tin compound, tin antimony grey cassiterite.

C.A.S. No: [68187-54-2]

EINECS No: 2691059

Description: CPM10C is an antimony-doped tin oxide designed as a conductive filler which may be milled to an ultrafine particle size for use in transparent coatings with anti-static or static-dissipative properties.

Physical state: Inert blue-grey powder, comprising aggregates of spherical primary particles. Non-flammable.

### TYPICAL PHYSICAL PROPERTIES:

Powder Resistivity: 0.2 ohm.cm

Particle Size (Malvern Mastersizer):  
D10%: 1.1 microns  
D50%: 3.1 microns  
D90%: 9.7 microns

Primary crystallite size: 5 to 10 nanometres

Surface area (BET): 50 m<sup>2</sup> g<sup>-1</sup>

Specific Gravity: 6.5

Tap density: 2000 g l<sup>-1</sup>

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