



STANOSTAT CPM10CS POWDER

DATA SHEET - 048 Issue 2, 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: CPM10CS 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: | 0.3 ohm.cm |
| Aggregate particle size (D50 value): | < 5 microns |
| Primary crystallite size: | less than 10 nanometres |
| Surface area (BET): | 60 m ² g ⁻¹ |
| Specific Gravity: | 6.5 |
| Tap density: | 2200 g l ⁻¹ |

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