



# KEELING & WALKER LIMITED

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## STANOSTAT CPM10C POWDER

DATA SHEET – 030

Issue 4, Effective Date: 16/08/2005

**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

**Aggregate particle size (D50 value):** 1 to 3 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>

Keeling & Walker Limited reserve the right to make improvements to this product without prior notification. All information is given in good faith but without warranty.

Keeling & Walker Test Methods are available for all the above determinations.

Keeling & Walker StanoStat CPM10C powder is manufactured under a Quality Assurance System certified to comply with ISO 9000.