



STANOSTAT CPM20C-HT POWDER

DATA SHEET - 070 Issue 1, Effective Date: 08/09/2008

Chemical Name: Antimony tin oxide, conductive tin compound, tin antimony grey cassiterite.

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

EINECS No: 2691059

Description: CPM20C-HT is an antimony-doped tin oxide designed to be milled to an ultrafine particle size for use in transparent coatings with infra-red absorbing as well as anti-static or static-dissipative properties.

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

TYPICAL PHYSICAL PROPERTIES:

Powder Resistivity: 0.7 ohm.cm

Particle Size (Malvern Mastersizer):
D10%: 1.0 microns
D50%: 2.9 microns
D90%: 8.5 microns

Primary crystallite size: 5 to 10 nanometres

Surface area (BET): 60 m² g⁻¹

Specific Gravity: 6.6

Tap density: 2000 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