



STANOSTAT A20W

DATA SHEET - 034 Issue 11 Effective Date: 16/02/2021

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

CAS No.: 68187-54-2

EC No.: 269-105-9

Description: StanoStat A20W is an aqueous colloidal dispersion of antimony-doped tin oxide.

It may be used to produce transparent coatings with anti-static or static-dissipative properties.

It may also be used for near-infrared absorbing coatings or polymers.

Physical state: Blue-grey aqueous colloidal dispersion

TYPICAL PHYSICAL PROPERTIES:

Nominal solids content: 20% w/w

Density (@20°C): 1.20 g/ml

Viscosity: 1.9 mPa.s

pH: 7 to 10

Powder resistivity *: 5 to 30 Ohm.cm

Median particle size of solids: < 0.1 microns

Primary crystallite size (TEM): 2 to 10 nanometres

Surface area (BET) *: 85 to 100 m² g⁻¹

(* = based on powder from dried dispersion)

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