



Keeling & Walker

World Leader in Tin Oxide



Whieldon Road, Stoke-on-Trent, ST4 4JA, UK

Telephone: +44 (0) 1782 744136

Fax: +44 (0) 1782 744126

e.mail: sales@keelingwalker.co.uk

Website: www.keelingwalker.co.uk

## INDIUM TIN OXIDE (ITO)

DATA SHEET - 072 Issue 1, Effective Date: 18/02/2010

Synonyms: Tin doped indium oxide.

|            | Indium oxide | Tin oxide  |
|------------|--------------|------------|
| C.A.S. No: | 1312-43-2    | 18282-10-5 |
| EINECS No: | 215-193-9    | 242-159-0  |

Description: Indium tin oxide is supplied as a yellow or yellow green powder consisting of aggregates of spherical primary particles. It is used for the preparation of transparent conductive and infra-red reflective coatings.

### TYPICAL PROPERTIES:

#### Physical characteristics

Surface area (BET):  $>50 \text{ m}^2 \text{ g}^{-1}$   
Specific gravity:  $\sim 7.1$

Primary Particle Size (TEM):  $< 20$  nanometres

Chemical purity (trace metals basis):  $>99.9\%$

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