



Thermox Performance Materials Ltd

Whieldon Road, Stoke-on-Trent, ST4 4JA, UK
Telephone: +44 (0) 1782 744136
Fax: +44 (0) 1782 744126
email: sales@tinoxide.co.uk
Website: www.tinoxide.co.uk

Tin-IV-Oxide THERMOX TL

Appearance: White powder

Chemical analysis:	Pb	<	500 ppm
	Sb	<	300 ppm
	As	<	200 ppm
	Fe	<	200 ppm
	Al	<	100 ppm
	Bi	<	100 ppm
	Cu	<	100 ppm
	Ni	<	50 ppm
	Zn	<	50 ppm
	Cd	<	20 ppm
	Sn	>	99.8 % on metal basis

Physical properties:	Molecular weight	150.7 g/mol
	Melting point	> 1630 °C
	Specific density	6.95 g/cm ³
	Tap density	0.5 - 0.7 g/cm ³
	Surface area (BET)	7 - 11 m ² /g

Packing: The powder is packed in 25 kg sacks fitted with polyethylene liners

Storage: The powder can be stored for more than twelve months if stored originally packed in cool and dry areas

Data Sheet TPM008 - Issue 1 - 11/2008

All information is given in good faith but without warranty. This Data Sheet supersedes and replaces all previous issues.