



Thermox Performance Materials Ltd

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Tin-IV-Oxide THERMOX VS

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		0.9 - 1.2 g/cm ³
	Surface area (BET)		3 - 5 m ² /g
	D50% (Malvern Mastersizer)		0.6 µm
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		

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