



Thermox Performance Materials Ltd

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Tin-IV-Oxide THERMOX R39

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)	0.7 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