



# Thermox Performance Materials Ltd

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## Tin-IV-Oxide THERMOX VN

**Appearance:** White powder

<b>Chemical analysis:</b>	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

<b>Physical properties:</b>	Molecular weight	150.7 g/mol
	Melting point	> 1630 °C
	Specific density	6.95 g/cm <sup>3</sup>
	Tap density	0.7 - 1.0 g/cm <sup>3</sup>
	Surface area (BET)	4 - 6 m <sup>2</sup> /g
	D50% (Malvern Mastersizer)	0.5 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