



Thermox Performance Materials Ltd

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Tin-IV-Oxide THERMOX EFGE

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) | 6 - 8 m ² /g |
| | D50% (Malvern Mastersizer) | 0.4 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