

## ILMENITE

**GRADE A1-IIM-T**

PRODUCT - SPECIFICATION SHEET		
Chemical Analysis		
Parameters	Guaranteed (%)	Typical (%)
<b>TiO<sub>2</sub></b>	Min. 50	49 - 51 (97.5%ilm)
<b>U + Th</b>	Max. 80 ppm	40 - 80 ppm
<b>ZrO<sub>2</sub></b>		0.01 – 0.02
<b>SiO<sub>2</sub></b>		0.40 -0.60
<b>Al<sub>2</sub>O<sub>3</sub></b>		0.10 – 0.30
<b>FeO</b>		33 - 34
<b>Cal Fe<sub>2</sub>O<sub>3</sub></b>		12 - 13.5
<b>CaO</b>		0.40 - 0.50
<b>MgO</b>		0.7 - 0.8
<b>MnO</b>		0.4 - 0.5
<b>Cr<sub>2</sub>O<sub>3</sub></b>		0.05 - 0.07
<b>Nb<sub>2</sub>O<sub>5</sub></b>		0.06 - 0.09
<b>P<sub>2</sub>O<sub>5</sub></b>		0.03 - 0.04
<b>V<sub>2</sub>O<sub>5</sub></b>		0.14 - 0.18
<b>ZnO</b>		0.07 - 0.09
<b>As<sub>2</sub>O<sub>5</sub></b>		2 - 7 ppm
<b>CeO<sub>2</sub></b>		50 - 80 ppm
<b>SO<sub>3</sub></b>		0.01 -0.02
Sieve Analysis		
Mesh (US)	Retention (%)	Cumulative retention (%)
<b>40</b>	0.07	0.07
<b>60</b>	3.54	3.61
<b>80</b>	17.7	21.31
<b>100</b>	23.55	44.86
<b>140</b>	43.59	88.45
<b>200</b>	8.44	96.89
<b>-200</b>	3.11	100
<p><b>Note:</b> Ilmenite is a natural product and as such slight variations in the chemical analysis and size distribution should be expected. Special contracts covering guarantees other than those specified can be negotiated.</p>		

### Packaging

- 25 kgs. PE bags (max. 1000 kgs/ 1MT.)
- 1000 kgs. In 1MT Jumbo bags.

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