

# ILMENITE CONCENTRATE

## Product Data Sheet

### Sieve Analysis

MM	Mesh	Wt %
0,297	<b>50</b>	0...5
0,249	<b>60</b>	5..9
0,178	<b>80</b>	20...40
0,150	<b>100</b>	20...40
0.125	<b>120</b>	10...20
	<b>Pan</b>	0..5

### Chemical Composition (Typ.-WT%)

	Min	Max
<b>TiO<sub>2</sub></b>	49 %	51 %
<b>FeO</b>	30 %	35 %
<b>Fe<sub>2</sub>O<sub>3</sub></b>	10 %	15 %
<b>Total Fe</b>	30 %	40 %
<b>SiO<sub>2</sub></b>	0.5 %	2 %
<b>Al<sub>2</sub>O<sub>3</sub></b>	0.5 %	1.5 %
<b>P</b>	0.02 %	0.04 %
<b>ZrO<sub>2</sub></b>	0.02 %	2 %
<b>Cr<sub>2</sub>O<sub>3</sub></b>	0.04 %	0.07 %
<b>U + Th</b>	<50 ppm	

### Physical Composition

<b>Ilmenite</b>	> 95 %
<b>Silica</b>	1- 2 %
<b>Quartz</b>	1- 2 %
<b>Other</b>	1- 2 %

### Technical Safety Data

Melting point	1600°C
Specific gravity	4,2
Flammability	N/A
Solubility in water	N/A
Boiling point	N/A
Vapor pressure	N/A
Flashpoint	N/A
PH	Normally Neutral (pH7)