

ILMENITE

Product Data Sheet

Chemical Composition (Typical – Wt%)

	Min	Max
TiO ₂	49 %	51 %
ZrO ₂	0.02 %	2 %
Feo	32 %	35 %
Fe ₂ O ₃	10 %	12 %
Total Fe	30 %	40 %
SiO ₂	0.5 %	2 %
Al ₂ O ₃	0.5 %	1.5 %
P	0.02 %	0.04 %
Cr ₂ O ₃	0.04 %	0.07 %
U + Th	< 30 ppm	

Sieve Analysis

MM	Mesh	Wt%
0.297	50	0~5
0.249	60	5~10
0.178	80	20~40
0.150	100	20~40
0.125	120	10~20
	Pan	0~15

Technical Safety Data

Melting point	:	1600 ^o C
Specific gravity	:	4.2
Flammability	:	N/A
Solubility in water	:	Insoluble
Boiling point	:	N/A
Vapor pressure	:	N/A
Flashpoint	:	N/A
PH	:	Normally Neural (pH7)

Physical Composition

Ilmenite	> 95 %
Silica	1 - 2 %
Quartz	1 - 2 %
Others	1 - 2 %