

-  Consistent supply
-  Superior Quality
-  Customer Focus
-  Technical Expertise
-  Environment Friendly

TOKALEV Minerals

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Heavy mineral resources for industrial applications



Ilmenite 52-54%



CAS No. : 98072-94-7

Formula : Fe₂O₃ * TiO₂

General Description : Ilmenite is a grainy material of natural size. It is usually a black free running sand. Grain shape is generally impressed spherical. Grain colour varies from light brown to upto black.

Chemical analysis

Elements	Contents (%)
TiO ₂	52.0 - 54.0
P ₂ O ₅	0.10 - 0.15
Cr ₂ O ₃	0.025 - 0.035
FeO	22.0 - 30.0
Fe ₂ O ₃	10.0 - 14.0
SiO ₂	2.3 - 2.7
Moisture	0.5 - 1.0

Sieve Analysis

Sieve Aperture (microns)	Retained (%)
2000	Traces
1000	28
560	35
280	27
140	6
100	4

Physical description and properties

Ilmenite % min :	95.5 - 97.0
Melting point , °C :	1365
Specific gravity, kg/m ³ :	4150 - 4250
Bulk density, kg/m ³ :	2150 - 2350
Flammable :	Non flammable
Solubility in water :	Insoluble
Angle of friction :	32 °
Hardness :	5 - 6 mohs

Contact us :
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