

ILMENITE

Typical Chemical Analysis

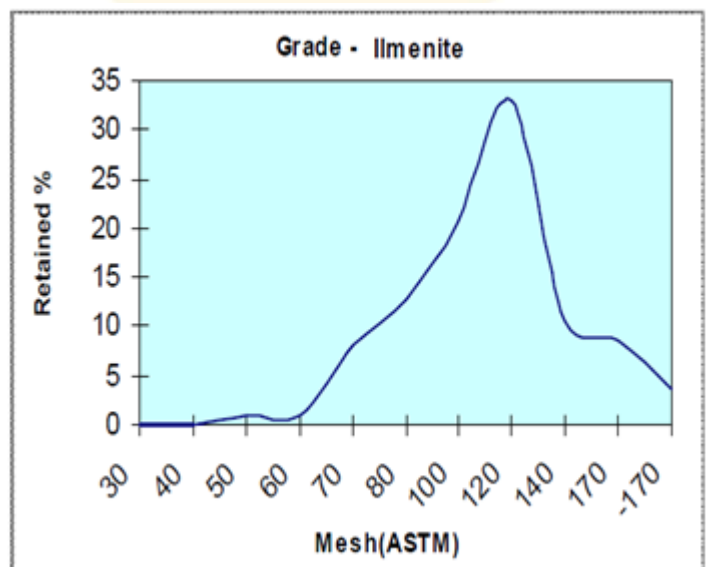
ELEMENTS	GUARANTEED(%)	TYPICAL(%)
TiO ₂	49.5 ~ 52 %	50.21%
Fe ₂ O ₃	6 ~ 10 %	8.33%
FeO	35 ~ 39 %	37.88%
Al ₂ O ₃	1.0 % max	0.68%
SiO ₂	1.50 % max	1.29%
Cr ₂ O ₃	0.07 % max	0.06%
V ₂ O ₅	0.23 % max	0.20%
P ₂ O ₅	0.025 % max	0.02%
U (ppm)	15 ppm max	6 ppm
Th (ppm)	30 ppm max	19 ppm
SO ₃	0.03 % max	0.00%

Mineralogical report

MINERALS	GUARANTEED (%)	TYPICAL (%)
Ilmenite	98.50 % Min	98.90%
Garnet	01.20 % Max	0.90%
Others	0030 % Max	0030 % Max

Particle Size Analysis report

MESH	MM	GUARANTEED (%)	
30	0.6	Nil	Nil
40	0.425	< 1.0 %	0.10%
50	0.3	0 ~ 3 %	0.96%
60	0.25	1 ~ 5 %	1.06%
70	0.212	5 ~ 15 %	8.24%
80	0.18	7 ~ 25 %	12.86%
100	0.15	10 ~ 30 %	20.80%
120	0.125	15 ~ 40 %	33.04%
140	0.106	5 ~ 20 %	10.68%
170	0.09	3 ~ 15 %	8.60%
-170	-0.09	< 10 %	3.66%



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