



Water Atomised FerroSilicon 15% Fine

Atomised Ferro Silicon for Dense Media Separation The chemistry is closely controlled to a range of 14-16%, so that it is corrosion resistant while retaining its magnetic susceptibility. The grading is closely controlled to a standard specification or to a specific customers requirements.

Chemical Specification

Si	C	Fe	Al	S	P	Mn	Cu	Cr
14-16%	0,90% Max	82% Min	0,05% Max	0,05% Max	0,10% Max	0,90% Max	0,50% Max	0,80% Max

Particle Size Distribution

Microns	-315	-150	-100	-63	-45
Cum % under	99-100 %	92-98 %	80-90 %	60-75 %	45-63 %

Physical Properties

Absolute Density	6,95 tonnes / m3 min
Apparent Density	3,3-4,0 tonnes / m3
Magnetic Susceptibility	65% Satmagan Min
Non-Magnetics	0,5% max. by weight
Rust Index	0,2 max. Weight increase
Dynamic Stability	500-650 rpm / min
Settling Rate	1,4-2,7 cm / min

