

Ferrous Granules



Free-flowing granules, primarily containing iron oxide, silica, alumina and calcium oxide.

Screen Analysis:

100% passing -4 Mesh,

<1% passing 200 Mesh

Characteristic	Unit of Measure	Guaranteed Minimum Analysis	Guaranteed Maximum Analysis	Typical Range
Fe	%	25		25 to 31
Al ₂ O ₃	%	3.5		4.0 to 6.0
SiO ₂	%	28		28 to 37
CaO	%	15		15 to 20
Na + K	%	0	2.0	1.3 to 2.0

Characteristic	Unit of Measure			Typical Range
Copper (Cu)	%			0.1 - 1.5
Lead (Pb)	%			0.01 - 0.10
Zinc (Zn)	%			0.3 - 3.5
Sulphur (S)	%			0.2 - 3.0

Physical Properties:

Bulk Density Wet = approx. 2,900 lbs/yd³ or 1.7 tonnes/m³

Bulk Density Dry = approx. 2,500 lbs/yd³ or 1.5 tonnes/m³

S.G. of granule = 3.5

Loss on Ignition* = Dried sample of ferrous granules LOI at 600°C shows a LOI of -1 to -2% or a Gain on Ignition of 1-2 percent.

*Due to the high silicate content of ferrous granules this method is guided by D4963/D4963M-11 Standard Test Method for Ignition Loss of Glass Strands and Fabrics.

Shipping Note:

Shipped by truck and railcar

Teck