

CHEMICALSTORE.COM

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CERTIFICATE OF ANALYSIS AND CONFORMANCE

Description

Type:	Coarse Steel Powder
Form:	Granular
Chemical Class:	Fe alloy
CAS-Number:	7439-89-6
Product Code:	S100N
Lot Number:	Q5M1019

Physical Properties	Results	Min	Max	Notes
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Appearance	Fine granular			
Color	Gray			
Magnetic properties	Strong magnetic			
Apparent Density, g/cm ³	3.03	2.70	3.30	
Flow rate, s/50g	33.5	---	45.0	

Particle Size Analysis of Steel Powder, %

MICRONS			
+600	0.0	---	1.0
-600 +250	1.1	---	15.0
-250 +150	95.5	70.0	---
-150	3.2	---	10.0

Chemical Analysis, %

Fe	97.49	97	---	XRF
C		0.8	1.2	Typical
S	0.025	---	0.05	XRF
P	0	---	0.05	XRF
Mn	0.66	---	1.2	XRF
Si	0.22	---	0.4	XRF

Conforms to the specification of granular carbon steel S100N.

Disclaimer:

This Certificate of Analysis is provided for informational purposes only and is based on testing of a representative sample. Results may not reflect the characteristics of the entire batch. Some data may be derived from third-party or supplier-provided reports. The user is solely responsible for verifying the suitability, quality, and fitness of the product for their intended use. No warranties, express or implied, are made regarding accuracy, completeness, or performance, and the supplier assumes no liability for errors, omissions, or variations.