



Iron Powder for Chemical Applications

**Ancor<sup>®</sup> W-423**

*This sponge iron powder grade is characterized by its closely controlled (coarse) particle size distribution.*

**Typical Analysis and Properties****Composition (weight %) (w/o)**

Carbon	Sulfur	Hydrogen Loss	Iron
0.18	0.02	0.7	Balance

**Apparent Density**

2.40 g/cm <sup>3</sup>
------------------------

**Sieve Distribution (w/o)**

Micrometers	U.S. Standard Mesh	
+850	(+20)	0
-850/+600	(-20/+30)	0.2
-600/+425	(-30/+40)	0.5
-425/+250	(-40/+60)	30
-250/+180	(-60/+80)	42
-180/+75	(-80/+200)	27
-75	(-200)	0.3

**IMPORTANT NOTICE:** The data shown are based on laboratory processing standard test specimens. Results may vary from that obtained in production processing.