

# MetalPowdersUSA.com



Supplying the finest metal powders for over 20 years

## CERTIFICATE OF ANALYSIS

### Iron 300

METALPOWDERSUSA, INC 13415 55 TH AVE. NW  
GIG HARBOR, WASHINGTON 98332 USA

	Test result	Unit	Specification		ISSUE 01
			MIN	MAX	
<b>CHEMICAL PROPERTIES</b>					
Fe		%	99.0		%
Fe-metallic		%	98.0		%
C	0.00	%		0.01	%
S	0.010	%			
O-tot	0.09	%		0.13	%
<b>PHYSICAL PROPERTIES</b>					
Apparent density	2.90	g/cm3	2.84	3.00	g/cm3
Flow Hall	23	sec/50g		30	sec/50g
GD (600 MPa)	7.08	g/cm3	7.05		g/cm3
<b>SIEVE ANALYSIS</b>					
(Microns)					
+150	0.0	%		0.0	%
106-150	0.0	%		bal	%
75-106	0.0	%		2.0	%
63-75	0.0	%			
45-63	9.0	%		18.0	%
38-45	24.5	%		bal	%
-38	66.5	%		bal	%
-45	91.0	%	80.0		%