

SPHERICAL ALUMINUM ALLOY POWDER
GRADE: AM-205

CHEMICAL ANALYSIS	
<u>ELEMENT</u>	<u>SPECIFIED LIMIT</u>
% Boron:	1.25-1.55
% Copper:	4.2- 5.0
% Iron:	0.05 Max.
% Magnesium:	0.25 - 0.33
% Silicon:	0.07 Max.
% Silver:	0.6-0.9
% Titanium:	2.75-3.9
% Others, Each:	<0.10
% Others, Total:	<0.20
% Aluminum:	Balance

PHYSICAL ANALYSIS		
	<u>SPECIFIED LIMIT</u>	<u>NOMINAL VALUE</u>
+200 Mesh	0.2% Max..	As Specified
+270 Mesh	5.0% Max..	As Specified
-325 Mesh	Report	As Specified
D10 (Microtrac)		15um
D50 (Microtrac)		25um
D90 (Microtrac)		45um
-15um (Microtrac)	10% Max.	As Specified
-10um (Microtrac)	5% Max.	As Specified