

Ancor AM IN718- is a gas atomized austenitic nickel-chromium based superalloy powder. Parts made from this alloy exhibit excellent oxidation and corrosion resistance in aggressive environments. IN718 has excellent high temperature strength and creep resistance due to a combination of solution strengthening and precipitation hardening. Parts made from IN718 can be heat treated to improve strength and hardness.

## Typical Analysis

	Chemistry - Typical (%)									
Nickel	Chromium	Aluminum	Niobium	Titanium	Molybdenum	Iron	Carbon	Sulfur	Oxygen	Nitrogen
53.8	18.5	0.51	4.95	1.01	2.97	17.6	.032	.001	.031	.038

## **Powder Physical Properties**

		Laser Particle Size					
AD	Flow	d10	d50	d90			
4.18	2.5C	16.9	30.5	46.0			



