Ancor AM 17-4 PH- *is a gas atomized stainless steel powder.* 17-4 PH is a martensitic precipitation hardening stainless steel that combines high strength and hardness with improved corrosion resistance when compared to carbon/nitrogen containing martensitic stainless steels. 17-4 PH is widely used in environments where a level of corrosion resistance comparable to that of the austenitic grades is needed, but in applications that require higher strength and hardness than the austenitic grades can provide.

Typical Analysis

Chemistry - Typical (%)

Chromium	Silicon	Manganese	Nickel	Copper	Nb + Ta	Iron	Carbon	Sulfur	Oxygen	Nitrogen
15.34	0.31	0.41	4.5	3.24	0.23	Bal	.015	.026	.100	.051

Powder Physical Properties

		Laser Particle Size		
AD	Flow	d10	d50	d90
4.04	16.7	18.1	34.3	54.7