

MetcoAdd™ Metal Powder Portfolio for Additive Manufacturing

What We Offer:

- Metal powder portfolio specifically developed, tested and produced for additive manufacturing applications
- In-house metal powder production using inert gas atomization (IGA) or vacuum induction melting (VIM)
- High purity, chemically homogeneous, spherical powders with high packing density and excellent flow properties
- Particle size distributions optimized for AM processing
- Excellent lot-to-lot consistency and reliability
- New composition development for large-volume customers

Our Advantages:

- Over 85 years of material development and production for customers and markets with critical applications
- R&D centers for testing and process parameter optimization on a variety of in-house AM metal printing machines
- Global sales and logistics network
- Nadcap-certified quality lab facilities
- Material traceability
- Customer-specific packages upon request

Base	Product	Nominal Chemistry	Nominal Particle Size Distribution [µm]
Nickel	MetcoAdd 718C		-45 +15
	MetcoAdd 718E	Ni 18Cr 18Fe 5(Nb+Ta) 3Mo 1Ti 0.6Al	-63 +20
	MetcoAdd 718F		-106 +45
	MetcoAdd 718 API C		-63 +16
	MetcoAdd 718 API F	Fe 53Ni 18Cr 5(Nb+Ta) 3Mo 1Ti 0.5Al	-106 +45
	MetcoAdd 738LC-A	Ni 16Cr 7(Al+Ti) 9Co 0.1C 2Mo 1.5Ta 0.06Zr	-45 +15
	MetcoAdd 625A	Ni 21Cr 9Mo 4Fe 4(Nb+Ta) 0.4Al 0.4Ti	-45 +15
	MetcoAdd HX-A		-45 +15
	MetcoAdd HX-D ^a	Ni 21Cr 18Fe 9Mo	-45 +15
	MetcoAdd H23X-A	Ni 22Cr 2Mo 14W 0.35Al 0.03La	-45 +15
	MetcoAdd 6022A	Ni 22Cr 14Mo 3Fe 3W 2.4Co 0.5Mn	-45 +15
Cobalt	MetcoAdd 75A	Co 28Cr 6Mo	-45 +10
	MetcoAdd 76A		-45 +15
	MetcoAdd H188-A	Co 22Ni 22Cr 14.5W	-45 +15
	MetcoAdd MM509-A	Co 10Ni 24Cr 7W	-45 +15
	MetcoAdd 316L-A	Fe 18Cr 12Ni 2Mo 0.02C	-45 +15
Iron	MetcoAdd 316L-D		-106 +45
	MetcoAdd 415F	Fe 13Cr 4Ni 0.8Mn 0.6Mo 0.5Si 0.03C	-45 +15
	MetcoAdd 415G		-106 +45
	MetcoAdd 17-4PH-A	Fe 17Cr 4.5Ni 4Cu 0.3(Nb+Ta) 0.07C	-45 +15
	MetcoAdd 17-4PH-D		-106 +45
	MetcoAdd 15-5PH-A	Fe 15Cr 4.5Ni 3.5Cu 0.3Nb 0.07C	-45 +15
	MetcoAdd 15-5PH-B		-90 +45
	MetcoAdd C300-A	Fe 18Ni 9Co 5Mo	-45 +15
	MetcoAdd H11-A	Fe 5Cr 1Mo 1Si 0.5V 0.4C	-45 +15
	MetcoAdd H13-A	Fe 5Cr 1Mo 1Si 1V 0.4C	-45 +15
	MetcoAdd H13-B		-90 +45
Titanium	MetcoAdd Ti-64 G23-A		-45 +15
	MetcoAdd Ti-64 G23-E	Ti 6Al 4V	-106 +45
	MetcoAdd Ti-64 G5-B		-63 +20

^a Premium product with reduced carbon content and more tightly controlled trace elements and entrained gases

Talk to us about your AM material challenges!