oerlikon metco

MetcoAdd™ & MetcoMed™ 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 [µm]	Application
Nickel	MetcoAdd 718C	Ni 18Cr 18Fe 5(Nb+Ta) 3Mo 1Ti 0.6Al	-45 +15	LB-PBF, CSAM
	MetcoAdd 718F		-106 +45	DED, EB-PBF
	MetcoAdd 738LC-A	Ni 16Cr 9Co 7(Al+Ti) 4Fe 2.6W 2Mo 0.8(Ta+Nb) 0.1C	-45 +15	LB-PBF
	MetcoAdd 625A	Ni 21Cr 9Mo 4Fe 4(Nb+Ta) 0.4Al 0.4Ti	-45 +15	LB-PBF, DED
	MetcoAdd 625-D	Ni 21Cr 9Mo 4Fe 4(Nb+Ta) 0.4Al 0.4Ti	-125 +45	LB-PBF, DED
	MetcoAdd H6282-A	Ni 19.5Cr 10Co 8.5Mo 2.1Ti 1.5Al 0.6C	-53 + 15	LB-PBF
	MetcoAdd 6022A	Ni 22Cr 14Mo 3Fe 3W 2.4Co 0.5Mn	-53 +20	LB-PBF, CSAM
	MetcoAdd HX-D	Ni 21Cr 18Fe 9Mo 2Co 0.8W	-45 +15	LB-PBF
	MetcoAdd HX-L		-53 +20	LB-PBF
	MetcoAdd H23X-A	Ni 22Cr 2Mo 14W 0.35Al 0.03La	-45 +15	LB-PBF
	MetcoAdd NiCP-A	Ni 99,6+	-53 +15	LB-PBF, CSAM
	MetcoAdd 939-A	Ni 22Cr 19Co 3.7Ti 2W 2Al 2.4(Nb+Ta)	-53 +20	LB-PBF
Cobalt	MetcoAdd 75A	Co 28Cr 6Mo	-45 +10	LB-PBF
	MetcoAdd 76A-1		-45 +15	LB-PBF
	MetcoMed CoCr F75-A	Co 28Cr 6Mo Ni<0.1	-45 +15	LB-PBF
	MetcoAdd MM509-A	Co 10Ni 23Cr 7W	-45 +15	LB-PBF
Iron	MetcoAdd 316L-A	Fe 18Cr 12Ni 2Mo 0.02C	-45 +15	LB-PBF, CSAM
	MetcoAdd 316L-D		-106 +45	DED, EB-PBF
	MetcoAdd 15-5PH-A	Fe 15Cr 4.5Ni 3.5Cu 0.3Nb 0.07C	-45 +15	LB-PBF
	MetcoAdd 15-5PH-B		-90 +45	DED, EB-PBF
	MetcoAdd 17-4PH-A	Fe 17Cr 4.5Ni 4Cu 0.3(Nb+Ta) 0.3C	-45 +15	LB-PBF
	MetcoAdd 17-4PH-D		-106 +45	DED, EB-PBF
	MetcoAdd C300-A	Fe 18Ni 9Co 5Mo	-45 +15	LB-PBF
	MetcoAdd H13-A	Fe 5Cr 1.3Mo 1Si 1V 0.4C	-45 +15	LB-PBF
	MetcoAdd H13-B		-90 +45	DED, EB-PBF
Titanium	MetcoMed Ti-64 G23-C	Ti 6Al 4V	-53 +20	LB-PBF
	MetcoAdd Ti-64 G23-E		-106 +45	DED, EB-PBF
	MetcoAdd Ti-64 G5-B		-63 +20	LB-PBF
	MetcoAdd Ti-64 G5-C		-53 +20	LB-PBF

Talk to us about your AM material challenges!

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www.oerlikon.com/metco
info.metco@oerlikon.com