



WATER ATOMIZED STAINLESS STEEL POWDERS

Alloy	Chemical Composition (%wt)										
	C	Cr	Ni	Mo	Mn	Si	S	P	Nb	Cu	Fe
316L	0.0172	16.25	13.06	2.44	0.0243	0.534	0.0023	0.0041	-	-	67.5
440C	1.17	17.42	-	0.617	0.42	0.652	0.0032	0.0046	-	-	79.3
17-4PH	0.0128	15.8	3.9	-	0.548	0.678	0.0030	0.0057	0.366	4.03	74.4

• Other alloys and tailored particle size distributions, not listed, are available on request.

Alloy	D50 (μm)	D90 (μm)	Tap Density (g/cm ³)	O ₂ (%)
316L	11.2	25.7	4.25	0.32
440C	9.6	23.7	3.96	0.17
17-4PH	9.3	22.9	4.1	0.43



Chemical composition, particle size and its distribution can be adjusted to suit Customers' requirements.

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