

OE-430

Classification

AWS A5.9: ER430

Analysis of all-weld metal (Typical values in %)

C	Mn	Si	P	S	Cr	Ni	Mo	Nb	Cu	N	Ferrite
≤ 0.10	≤ 0.60	≤ 0.50	-	-	16	-	-	-	-	-	-

OE-20.16L

Classification

EN 12072: G 20 16 3 Mn L (nearest)

Analysis of all-weld metal (Typical values in %)

C	Mn	Si	P	S	Cr	Ni	Mo	Nb	Cu	N	Ferrite
0.02	7	0.20	≤ 0.020	≤ 0.020	20	16	3	-	-	0.15	-

OE-310

Classification

AWS A5.9: ER310

Analysis of all-weld metal (Typical values in %)

C	Mn	Si	P	S	Cr	Ni	Mo	Nb	Cu	N	Ferrite
0.12	1.80	0.45	≤ 0.020	≤ 0.020	26	20.80	0.30	-	-	-	-

OE-312

Classification

AWS A5.9: ER312

Analysis of all-weld metal (Typical values in %)

C	Mn	Si	P	S	Cr	Ni	Mo	Nb	Cu	N	Ferrite
0.10	1.80	0.40	≤ 0.020	≤ 0.020	30	10	-	-	-	-	-

OE-316H

Classification

AWS A5.9: ER316H

Analysis of all-weld metal (Typical values in %)

C	Mn	Si	P	S	Cr	Ni	Mo	Nb	Cu	N	Ferrite
0.05	1	0.40	≤ 0.020	≤ 0.020	19	12	2.50	-	-	-	-

OE-317L

Classification

AWS A5.9: ER317L

Analysis of all-weld metal (Typical values in %)

C	Mn	Si	P	S	Cr	Ni	Mo	Nb	Cu	N	Ferrite
0.02	1.80	0.40	≤ 0.020	≤ 0.020	19	14	3.50	-	-	-	-

OE-318Si

Classification

AWS A5.9: ER318 (nearest)

EN 12072: G 19 12 3 Mn Si

Analysis of all-weld metal (Typical values in %)

C	Mn	Si	P	S	Cr	Ni	Mo	Nb	Cu	N	Ferrite
0.04	1.30	0.85	≤ 0.020	≤ 0.020	19	12	2.50	0.70	-	-	-