CEWELD SG CrMnMo Tig

certilas® THE FILLER METAL SPECIALIST

TYPE

8CrMo12 filler metal for welding similar type of steels. (Air 9117 - 8CD12)

APPLICATIONS

CEWELD CrMnMo Tig finds its application in the aerospace and motorsports industries, and also in the repair of some tool steels. According AIR 9117 and LN 9425

PROPERTIES

CEWELD® SG CrMnMo EN 4332: FE-WL1805 (8CrMnMo12-4-9) wire is used for welding matching, and similar, composition base materials.

CLASSIFICATION

AWS	A 5.28: ~ER 90S-B3
W.Nr.	WL 1805
W.Nr.	~ 1.7384

SUITABLE FOR

30CrMoV12, 55NiCrMoV7, 55CrNiMo4

APPROVALS

No Approvals Found

WELDING POSITIONS

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	P	S	Cr	Mo
0.06	0.7	1.1	0.08	0.08	2.7	1

ALL WELD MECHANICAL PROPERTIES

Heat Treatment	$R_{P0,2}$ MPa	Rm MPa	A5 (%)	Impact Energy (J) ISO-V RT	Hardness Rockwell C
720°C±15°C /2h	440	570	24	80	Avg. 36

REDRYING TEMPERATURE

Not required

GAS ACCORDING EN 14175

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