



CEWELD SG CrMnMo Tig

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						
PROPRIÉTÉS	CEWELD® SG CrMnMo EN 4332: FE-WL1805 (8CrMnMo12-4-9) wire is used for welding matching, and similar, composition base materials.						
CLASSIFICATION	AWS W.Nr.	A 5.28: ~ER 90S-B3 WL 1805					
CONVIENT POUR	30CrMoV12, 55NiCrMoV7, 55CrNiMo4						
AGRÉMENTS							
POSITIONS DE SOUDAGE							
ANALYSE CHIMIQUE TYPIQUE DU MÉTAL D'APPORT (%)	C 0.06	Si 0.7	Mn 1.1	P 0.08	S 0.08	Cr 2.7	Mo 1
PROPRIÉTÉS MÉCANIQUES	Heat Treatment 720°C±15°C 2h	R _{P0,2} (MPa) 440	R _m (MPa) 570	A5 (%) 24	Impact Energy (J) ISO-V RT 80		Hardness 36 HRc
ETUVAGE	Not required						
GAS ACC. EN ISO 14175	I1						