

TECHNICAL DATA SHEET

AWS /ASTM A5.10:AL99,8% /1080A
 DIN 1732:SG-AL 99,8 Werks 3.0286
 BS2901 Pt. 4: 1080A

DESCRIPTION: Aluminium used to weld pure aluminium with applications in Electrotechnical, chemical and food industries.									
USE: light industry, food industry									
Material to be welded AL 99,8 – AL 99,7- AL 99,5 – E-AL	Shielding gas for Gmaw/Gtaw Ar 99,95% min								
CHEMICAL ANALYSIS (TYPICAL) <i>Analyse de coulée / Cast analysis / schmelzanalyse</i>									
Al	Si	Fe	Mg	Zn	Cu	Mn	Cr	Ti	Be
Rem	< 0,15	<0.15	<0.02	< 0.06	< 0.02	< 0.02		< 0.02	< 0.0008
VALORI MINIMI DELLE CARATTERISTICHE MECCANICHE (METALLO SALDATO) <i>Valeurs Min des Propriétés mecaniques du metal soudé / Min . Values of the meccanical properties (welded metal)</i>									
TENSILE STRENGHT(Rm) N/mm2 resistenza alla trazione(Rm) N/mm2 60	YELD STRENGHT Rp 0.2 N/mm2 Resistenza allo snervamento N/mm2 22	ELONGATION L=5d (%) allungamento L=5d (%) 40%							
Available sizes: Mig: 0.80 – 2.40 mm Tig Rods: 1.60 – 4.00 mm Packaging: Mig 0.5(D-100) – 7 Kgs (BS/D 300) TIG Rods: 2.5/kgs tubes									