



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 Electro-technical, chemical and food industries.							
USE:		light industry, food industry							
Material to be welded					Shielding gas for Gmaw/Gtaw				
AL 99,8 – AL 99,7- AL 99,5 – E-AL					Ar 99,95% min				
CHEMICAL ANALYSIS (TYPICAL) <i>Analyse de colée / Cast analysis / schmelzanalyse</i>									
Al Rem	Si <0,15	Fe <0,15	Mg <0,02	Zn <0,06	Cu <0,02	Mn <0,02	Cr	Ti <0,02	Be <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 Resistenza alla trazione(Rm) N/mm ₂			YELD STRENGHT Rp 0.2 N/mm ₂ Resistenza allo snervamento N/mm ₂			ELONGATION Allungamento L=5d (%)			
60			22			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							
Approvals:		CE							