



# CEWELD ER 80S-B8

TYPE	Medium alloyed, high-strength 9% Chromium Alloy.																
APPLICATIONS	Low alloyed copper-coated solid wire with 9% Cr and 1% Mo to be used for welding creep resistant steel. It finds applications in power plants, chemical or petro-chemical industry and in the ammonia synthesis process. It is also used for heat exchangers, boilers, piping and pressure vessels for temperature service up to 600°C.																
PROPRIÉTÉS	Corrosion resistance is higher than 5%Cr-0.5%Mo steels requirements. To be used with shielding gas Ar+O <sub>2</sub> .																
CLASSIFICATION	<table border="0"> <tr> <td>AWS</td> <td>A 5.28: ER 80S-B8</td> </tr> <tr> <td>EN ISO</td> <td>21952-A: G CrMo9</td> </tr> <tr> <td>F-nr</td> <td>6</td> </tr> <tr> <td>FM</td> <td>4</td> </tr> </table>	AWS	A 5.28: ER 80S-B8	EN ISO	21952-A: G CrMo9	F-nr	6	FM	4								
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CONVIENT POUR	<p><b>9%Cr-1%Mo</b>            1.7386, 1.7388, 1.7389            BS 3100 Gr B6, BS 3604 Gr CFS 629-470, HFS 629-470, BS 3604 Gr HFS 629-590, CFS 629-590, GS-12CrCrMo 10-1, X12CrMo 9-1, X7CrMo 9-1            ASTM: A182 Gr F9, A199 Gr T9 , A213 Gr T9 , A217 Gr C12 , A234 Gr WP9, A335 Gr 9, A336 Gr F9, A387 Gr 9,</p>																
AGRÉMENTS	CE																
POSITIONS DE SOUDAGE																	
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1"> <thead> <tr> <th>C</th> <th>Si</th> <th>Mn</th> <th>Cr</th> <th>Mo</th> <th>Other</th> </tr> </thead> <tbody> <tr> <td>0.08</td> <td>0.41</td> <td>0.53</td> <td>9.15</td> <td>1.05</td> <td>0.03</td> </tr> </tbody> </table>	C	Si	Mn	Cr	Mo	Other	0.08	0.41	0.53	9.15	1.05	0.03				
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ETUVAGE	Not required																
GAS ACC. EN ISO 14175	M21																



# CEWELD ER 80S-B8

ER 80S-B8 1,2MM

Packaging	KG/unit	EanCode
BS-300	2	8720663416865