
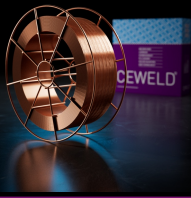


CEWELD ER 120 S-G

TYPE	Extreme high tensile strength alloy with excellent impact properties for fine grain steels exceeding 890 N/mm ² yield strength. (ER 120, 89 6)																
APPLICATIONS	CEWELD® ER 120 S-G is well suited for welding materials such as S960QL - S1100Q and other similar fine-grained cold-tough steels. Offshore, crane construction etc.																
PROPERTIES	CEWELD® ER 120 S-G is an extremely crack-resistant alloy with high mechanical properties and excellent welding properties. High impact strength at sub-zero temperatures down to -60 °C.																
CLASSIFICATION	<table border="0"> <tr> <td>AWS</td> <td>A 5.28: ER 120S-G</td> </tr> <tr> <td>EN ISO</td> <td>16834-A: G 89 6 M21 Mn4Ni2CrMo</td> </tr> <tr> <td>F-nr</td> <td>6</td> </tr> <tr> <td>FM</td> <td>2</td> </tr> </table>	AWS	A 5.28: ER 120S-G	EN ISO	16834-A: G 89 6 M21 Mn4Ni2CrMo	F-nr	6	FM	2								
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EN ISO	16834-A: G 89 6 M21 Mn4Ni2CrMo																
F-nr	6																
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SUITABLE FOR	<p>Reh ≤ 960 MPa ISO 15608: ~3.1, 3.2 (Reh > 690 MPa) 1.8796, 1.8925, 1.8940, 1.8983, 1.8797, 1.8933, 1.8934, 1.8941, 1.8997 S690Q-S890Q, S690QL-S890QL, S960Q, S960QL, S1100QL, S1300QL ASTM A 709 Gr. 100 Type B, E, F, H, Q, HPS 100W N-A-XTRA M 700, PAS 700, alform 700 M, alform 900 x-treme, alform® 960 x-treme, Strenx 700-960, DILLIMAX 700-960</p>																
APPROVALS	CE																
WELDING POSITIONS																	
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>C</th> <th>Si</th> <th>Mn</th> <th>P</th> <th>S</th> <th>Cr</th> <th>Ni</th> <th>Mo</th> </tr> </thead> <tbody> <tr> <td>0.1</td> <td>0.6</td> <td>1.8</td> <td>0.01</td> <td>0.01</td> <td>0.3</td> <td>2.2</td> <td>0.6</td> </tr> </tbody> </table>	C	Si	Mn	P	S	Cr	Ni	Mo	0.1	0.6	1.8	0.01	0.01	0.3	2.2	0.6
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REDRYING TEMPERATURE	Not required																
GAS ACCORDING EN 14175	M21																



CEWELD ER 120 S-G

ER 120 S-G 0,8MM

Type	KG/unit	EANCode
BS-300	15	8720663417190