


CEWELD E 9015-B9 (P92)

TYPE	Basic, Cr and Mo-alloyed electrode for heat resistant steels T/P92																				
APPLICATIONS	CEWELD® E 9015-B9 (P92) is a basic coated electrode for modified 9Cr1Mo steels. The weld metal of type 9Cr-1Mo-NVWNb is characterised by a martensitic microstructure and is suitable for tempered applications. Applications include joint welding of similar heat resistant steels and cast steels in turbine and power plant construction and in the chemical industry.																				
PROPERTIES	CEWELD® E 9015-B9 (P92) is designed for welding equivalent T/P92 CrMo steels modified with 1.6% tungsten to achieve the creep properties of the base metal. Our electrode is intended for use in structures requiring high resistance at elevated temperatures.																				
CLASSIFICATION	<table border="0"> <tr> <td>AWS</td> <td>A 5.5: E 9015-B92</td> </tr> <tr> <td>EN ISO</td> <td>3580-A: E Z CrMoWVNb9 0,5 2 B 4 2 H5</td> </tr> <tr> <td>F-nr</td> <td>4</td> </tr> <tr> <td>FM</td> <td>4</td> </tr> <tr> <td>W.Nr.</td> <td>1.4901</td> </tr> </table>	AWS	A 5.5: E 9015-B92	EN ISO	3580-A: E Z CrMoWVNb9 0,5 2 B 4 2 H5	F-nr	4	FM	4	W.Nr.	1.4901										
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SUITABLE FOR	9%Cr,1.7%,W0.5%,Mo, P92, 1.4901, 1.4922 X10CrWMoVNB 9 2, X20CrMoV12-1, ASTM: A182 grade F92, A213 grade T92, A335 grade P92, A387 grade 92, A335 grade T92 NF 616																				
APPROVALS	CE																				
WELDING POSITIONS																					
TYPICAL CHEMICAL ANALYSIS OF WELD 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>Cr</th> <th>Ni</th> <th>Mo</th> <th>V</th> <th>Nb</th> <th>N</th> <th>W</th> </tr> </thead> <tbody> <tr> <td>0.1</td> <td>0.2</td> <td>0.6</td> <td>8.5</td> <td>0.5</td> <td>0.5</td> <td>0.2</td> <td>0.05</td> <td>0.04</td> <td>1.7</td> </tr> </tbody> </table>	C	Si	Mn	Cr	Ni	Mo	V	Nb	N	W	0.1	0.2	0.6	8.5	0.5	0.5	0.2	0.05	0.04	1.7
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REDRYING TEMPERATURE	400°C / 1 hr																				
GAS ACCORDING EN 14175																					