

CEWELD E DUR 71

TYPE	Basic coated electrode with a sintered tungsten carbide core wire.										
APPLICATIONS	For extreme wear resistance, elements as Niobium and Chromium carbides are also added to obtain a complex carbide structure. Specially used for applications subject to abrasive wear such as sand or other minerals with little impact. Recommended for the brick and clay industry or extreme high temperature applications in power plant industries.										
PROPRIÉTÉS	CEWELD E DUR 71 is designed to offer full wear resistance and high hardness already achieved in the first layer. To be welded with low as possible current to avoid burnout of elements.										
CLASSIFICATION											
CONVIENT POUR	For extreme heavy abrasion and wear applications such as, mixers and screws in the brick and clay industry, electricity powerplant screws (ash), mining, drilling etc										
AGRÉMENTS											
POSITIONS DE SOUDAGE	 PA  PB  PC										
PROPRIÉTÉS MÉCANIQUES	<table border="1"> <thead> <tr> <th>Heat Treatment</th> <th>$R_{P0,2}$ (MPa)</th> <th>R_m (MPa)</th> <th>A5 (%)</th> <th>Hardness</th> </tr> </thead> <tbody> <tr> <td>As Welded</td> <td></td> <td></td> <td></td> <td>65 HRc</td> </tr> </tbody> </table>	Heat Treatment	$R_{P0,2}$ (MPa)	R_m (MPa)	A5 (%)	Hardness	As Welded				65 HRc
Heat Treatment	$R_{P0,2}$ (MPa)	R_m (MPa)	A5 (%)	Hardness							
As Welded				65 HRc							
ETUVAGE	Not required										
HARDNESS HRC	first layer: $\pm 63-65$ HRc second layer: $\pm 66-70$ HRc										
GAS ACC. EN ISO 14175											

CEWELD E DUR 71

E DUR 71 3,2 X 350MM

Packaging	KG/unit	EanCode
Can	2,5	8720663402721

E DUR 71 4,0 X 350MM

Packaging	KG/unit	EanCode
Can	2,5	8720663402738