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 srews (ash), mining, drilling etc

AGRÉMENTS

POSITIONS DE SOUDAGE

PROPRIÉTÉS MÉCANIQUES

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded				65 HRc

ETUVAGE

Not required

HARDNESS HRC

first layer: ± 63-65 HRc second layer: ± 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