



COATED ELECTRODE PROTECTIVE COATING

ESSEN DUR 500 KB

Classificações: **DIN EN 14700 E UM 150 G**

The DUR 500 Kb electrode enables deposition with excellent abrasion resistance in the fabrication or restoration of parts, extending the life and productivity while reducing downtime for maintenance of tractor shoes, tractor rollers, conveyor buckets, mixer blades, hammer mill hammers, mill housings, pulverizer hammers, chain links, drawing or cold cutting tools. TECHNICAL CHARACTERISTICS DUR 500 Kb is a hard-facing electrode, developed in Brazil by UNIWEELD, intended for restoration and protective filling against wear. It features a high deposition rate with moderate penetration, good impact resistance, and excellent abrasion resistance, machinable with a grinder. Suitable for base metals: cast steels, rail steels, hardenable steels, tool steels.

ALLOY TYPE:

C 1,00% Máx.	Mn 0,50 a 2,50%	Si 1,50% Máx.	Mo 1,00% Máx.	Ni 0,50% Máx.	Cr 5,00% Máx.
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MECHANICAL PROPERTIES:

HARDNESS

47 a 54 HRC

Tratamento: até 500°C

Temperatura de trabalho: Recozimento e tempera a 820-850°C

WELDING CURRENT:

CA



PRODUCT CHARACTERISTICS:

DIAMETER (mm):	LENGTH (mm):	AMPERAGE (A):	PACKAGING (kg):
2,50	350	70 a 100	5,00
3,25	350	100 a 160	5,00
4,00	450	140 a 200	5,00
5,00	450	180 a 220	5,00
6,00	450	210 a 255	5,00

CUSTOMER SERVICE POLICY

The above information is for reference purposes only, it should not be considered as a guarantee or certificate. Many variables can influence the results of a welding operation. Uniweld Industria de Eletrodos LTDA is not responsible for any incorrect application of the product, We recommend that, if you have any questions, you contact our Technical Assistance department to Oget adequate support.