



## UNIWEELD IND. DE ELETRODOS LTDA

Address: 1788, XV de Dezembro Avenue – Tanque do Moinho  
 Zip Code: 12.910-691 – Bragança Paulista – São Paulo – Brazil  
 Phone: (+55 11) 4035-8877 – Fax: (+55 11) 4603-2511  
 E-mail: [uniweld@uniweld.com.br](mailto:uniweld@uniweld.com.br)  
 Website: [www.uniweld.com.br](http://www.uniweld.com.br)

## Contact Uniweld

(+55 11) **4035-8877**

[sales@uniweld.com.br](mailto:sales@uniweld.com.br)

COMERCIAL DESIGNATION: **ESSEN DUR 600 SPECIAL**

PATTERN: SPECIAL PRODUCT

ALLOY ELEMENTS INCLUDED	C	Si	Mn	Cr	Mo
-------------------------	---	----	----	----	----

APPLICATION FIELD	The electrode DUR 600 Special, allows the deposition with excellent resistance against abrasion in manufacturing and restauration of parts with prolonged useful life and productivity efficiency, reducing the stop period for maintenace in earthwork companies, mining, ceramics, graging, automotive industries, forging, metallurgicas, laminations, mechanicals, paper and cellulose, glass, suggar, ethanol, railways, hydro and thermo electrics				
TECHNICAL CHARACTERISTICS	: DUR 600 Special are electrodes for hard revestments developed in Brazil by UNIWEELD applied on restaurations and filling up wastages protectors, presents a high index of deposition with moderate penetration and good impact resistance, factored with emery Indicated to basis metal: Fused steel, steel tools, forged steel, laminated steel				
MECHANICAL PROPRIETIES	Hardness : 57-62 HRc Treatment: up to 500°C Working Temperature: Overcooking and tempera to 900-920°C in oil				
OPERATIONAL CHARACTERISTICS	For C.A. or C.C +				
	Welding Position: P.V				
	∅ In mm	2,50x350mm	3,25x350mm	4,00x450mm	5,00x450mm
Amperage	70-100 A	100-130 A	140-180 A	180-210 A	
Package	5 kg	5 kg	5 kg	5 kg	
WELDING TECHNIQUES	Clean the welding area, the electrode must be dry, regulate the machine in accordance to the electrode's diameter, application in steel: it is not necessary pre-heating. In hard steel, depends on the thickness 150-250°C.				