



**UNIWEELD IND. DE ELETRODOS LTDA**

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COMERCIAL DESIGNATION: **ESSEN CCR 60**

PATTERN: DIN 8555 E 10=60 GR

ALLOY ELEMENTS INCLUDED	C	Si	Mn	Cr
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APPLICATION FIELD	The electrode ESSEN CCR 60 produces deposits for machines components restoration in metallurgical, sugar mills, petro chemical, mining, earthwork, cement, perforations, thermo-electrics and hydro-electrics, railways, charcoal extraction, mines, stony, in preventing revestments.				
TECHICAL CHARACTERISTICS	The ESSEN CCR 60 is an electrode of chrome carbide basis, developed by UNIWEELD to be used in parts with friction wastage, abrasion and moderate impact. Presents an easy welding, allow the obtainment of perfect and soft strings, with beautiful aspect which dispense any posterior welding.				
MECHANICAL PROPRIETIES	Hardness: 60 HRc Workin Temperature: 500°C Efficiency: 140%				
OPERATIONAL CHARACTERISTICS	Fora C.A. and C.C.+				
	Welding Position: Plain				
	Ø In mm	2,50x350mm	3,25x350mm	4,00x450mm	5,00x450mm
	Amperage	70-100 A	100-140 A	140-170 A	170-210 A
	Package	5 kg	5 kg	5 kg	5 kg
WELDING TECHNIQUES	In maintenance we find hard parts or already revested, which area is fatigated and impregnate impurities, these must be removed with emery stone. For multiple layers, apply pillow with ESSEN CN 29/9 R; ESSEN CN 37 HL or ESSEN Mn 14				