



UNIWELD IND. DE ELETRODOS LTDA

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COMMERCIAL NAME: ESSEN TUB CR 40 S
STANDARD: SPECIAL PRODUCT

Revision: 01
Date: 04/2019

Chemical characteristic of the deposited metal	C	Si	Mn	Cr	Mo	V
	0.20% Max.	0.60% Max.	0.40 to 1.50%	4.00 to 5.50%	0.20 to 0.70%	0.10 to 0.40%

APPLICATION FIELD	Protective coating parts subject to metal-metal friction, impact and moderate abrasion.					
TECHNICAL CHARACTERISTICS	Tubular cored wire specially developed for use in submerged arc welding, using neutral flow. It provides a wear resistant deposit, can be applied to carbon and low alloy steels.					
MECHANICAL PROPERTIES	Toughness: 400 to 450 HRC * Hardness of the obtained wire in the tank without the addition of flow.					
OPERATIONAL CHARACTERISTICS	Reel (mm)	2.40 Ø	Ø 2.80	Ø 3.20		
	Amps (A)	260-340	300 to 400	340-450		
	Voltage (V)	24 to 30	26 to 32	28 to 34		