TECHNICAL DATA

DELORO™ 36 ALLOY

DELORO™ NICKEL-BASED ALLOYS exhibit excellent corrosion, abrasion, and wear-resistance (up to 600ºC), and have a wide melting range allowing them especially to be applied by the spray & fuse and powder welding processes.

DELORO™ 36 is a versatile hardfacing alloy with good wear and abrasion resistance but with good impact resistance. Preferred by many over Deloro 40, which is slightly harder. Good corrosion resistance and hot hardness up to approximately 400°C. Used to protect edges of glass hollow ware tooling.

NOMINAL CHEMICAL COMPOSITION (MASS%)

ALLOY	Ni	Cr	C	Si	B	Fe	Others
Deloro™ 36	Bal.	7,0	0,30	3,7	1,2	3,0	-

PHYSICAL PROPERTIES

ALLOY	Hardness	Density	Melting Range
Deloro™ 36	34 - 42 HRC	Not available	Not available

PRODUCT FORMS

Consumables for Cladding / Hardfacing				
Powder	PTA Cladding	Laser Cladding	Powder Welding	Spray & Fuse

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