



SUNTHERM 7016

CLASSIFICATION:

A5.1: E 7016

IS: 814 EB 5426H2X

DESCRIPTION:

SUNTHERM 7016 is a versatile basic coated hydrogen controlled all purpose electrodes that can be operated using both DC & AC power sources in all positions. The fairly thin coating provides good accessibility to the joint producing a tough, ductile weld metal for welding heavy sections in mild steel.

APPROVALS: CIB

TYPICAL ALL WELD METAL PROPERTIES:

Chemical Composition (%)				Mechanical Properties	
C	0.10 max	Mn	0.80-1.50	YS	44-51 Kg/mm ²
Si	0.75 max	S	0.03 max	UTS	51-60 Kg/mm ²
P	0.03 max			EL (L=5d)	25-32%
				Impact (CVN) at -30°C	49-100 Joules

TYPICAL APPLICATIONS:

Suites for cast steels, difficult steels of unknown composition and for non machinable deposits on cast irons. Other application includes coaches, ships, heavy duty structures, earth moving machinery, rotary kiln shells, blast furnace shells, rotary klin shells etc.

CURRENT RANGE & PACKING DATA:

Size	Length	Current Range	Qty of Electrodes in a	Qty of Electrodes in a
(mm)	(mm)	(Amps)	Carton	cardboard box (20 Kg)
2.5	350	60-90	5 Kg	20 Kg
3.15	450	100-135	5 Kg	20 Kg
4	450	140-190	5 Kg	20 Kg
5	450	200-260	5 Kg	20 Kg

PACKING:

Electrodes are packed in Cartons and four of these Cartons are shrink wrapped in a cardboard box.