

SME 7016-1 H4R

Low & Medium Tensile Steel Electrodes

Mild Steel

Classifications:

AWS A/SFA 5.1 : E 7016 H4R

Identification : Brand Printed

Characteristics:

SME 7016-1 H4R is Basic extremely low hydrogen electrode
Good impact values down to -40 °C Good CTOD at -10°C,
meets offshore requirements Excellent root pass electrode
(diam. 2.5 and 3.2 mm) Also available in vacuum sealed
HDM < 3 ml/100g



Applications:

1. Steel construction boiler.
2. Container fabrication.
3. Vehicle construction.
4. Ship building.
5. Machine construction.

Weld Metal Chemistry (wt%):

C	Mn	Si	P	S
0.06	1.40	0.50	0.015	0.010

Mechanical Properties of All Weld Metals:

YS (N/mm ²)	UTS (N/mm ²)	EL% (L = 4d)	CHARPY "V" NOTCH IMPACT AT
520	575	28	115

Packing Details:

Size (Ø / Length) mm	2.5 x 350	3.2 x 350	4.0 x 350	5.0 x 350
Current (amps)	40 - 80	90 - 140	140 - 180	180 - 240