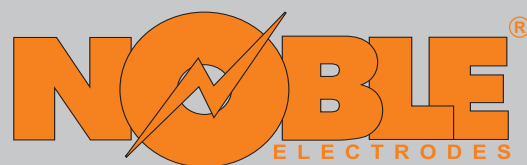


NOBLE - Mn

Mild Steel Hardfacing Electrodes



CLASSIFICATION

AWS - A5.13 : EFeMn

Characteristics : **NOBLE - Mn** is a basic coated hydrogen controlled hard facing electrode. It produces up to 14% Mn weld metal.

Applications : **NOBLE - Mn** is highly suitable for the weld metal requires heavy impact and abrasion properties, like stone crusher jaws and hammer mineral grinder metals, bucket teeth and lips, rail crossing, Mn steel castings etc.

Mechanical Properties

Mechanical Tests	Required Values
Hardness (2-layers on MS Plate)	350 – 500 (BHN)

Weld Metal Chemistry (%)

Elements	C	Mn	Si
Range	0.09 Max	14.0 Max	1.0 Max

Packing Specifications & Current Condition

Size (mm)	Pkts. / Case	Wt. / Pkt.	Current (Amp.) AC (70 V), DC (+)
3.15 x 350	05	4 Kg.	90 - 120
4.00 x 350	05	4 Kg.	130 - 160
4.00 x 450	04	5 Kg.	130 - 160
5.00 x 350	05	4 Kg.	160 - 200

“Noble – Characterized by all Excellent Qualities”