



ISO 9001
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ISO 14001
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BONDS FOREVER

MOHINDERZ GOLD

AWS-SFA-5.1 (E6013)
IS: 814 - ER - 4211



Mild Steel Electrodes for General Purpose Structural & Vessel Welding Application

FEATURES

Medium-Heavy Rutile Coated	All Position Welding
Excellent penetration & Metal transfer	X - Ray quality Weld profile

APPLICATIONS

Steel / Structure Storage & Pressure Vessels / Pipes / Sheet Metal / Automobile Body / General Fabrication

CHEMICAL COMPOSITION OF WELD METAL (Weight %)

Metal	Mn	Si	C	S	P
Specification	0.4 (Max 0.55)	0.25 (Max 0.40)	0.09 (Max 0.12)	0.02 (Max 0.03)	0.02 (Max 0.03)

MECHANICAL PROPERTIES OF WELD METAL

Property	Metal Condition	UTS (Mpa)	YS at 0.2% (Mpa)	EL % (L = 5D)	CVN Impact at 0°C
Specification	As Welded	410-540	330-430	22-26 %	55 J (Min 50 J)

PACKING & WELDING DATA

Size (Dia mm)	Size (Length mm)	Current (Amp)	Pcs/ Carton Appr.	Carton /Box Appr.	Weight (In Kg) / 100 pcs
2.5	350	60 - 80	131	8	2
3.15	350	100 - 120	136	5	3
4	350	120 - 160	55	8	4.5
4	450	120 - 160	56	8	6
5	450	160 - 240	37	8	9



MOHINDERZ

MOHINDER ELECTRODES PVT. LTD.

(Mfrs. & Exporters of Electrodes & MIG Wire)

📍 **Sales Off.:** Plot No. 256, FF, Phase- 9, Industrial Area, S.A.S Nagar, Mohali, Punjab, INDIA-160062
Factory: Bhucho Kalan, National Highway-64, District: Bathinda, Punjab, INDIA-151101

✉ International: exports@mohinderz.com | Domestic: sales@mohinderz.com

☎ +91 9814136540 | 0164 2740184 🌐 www.mohinderz.com