

PRODUCT DESCRIPTION

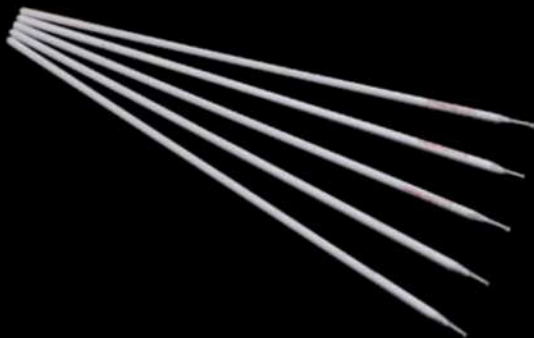
Diamond Proweld E-6013 is an outstanding rutile-cellulosic electrode for welding mild steel in all positions including vertical down. It is capable of welding a variety of applications both in the workshop and on site with equal success. It is tolerant to a larger range of current settings, arc length and travel speeds. It is very easy to use in even difficult situations such as bridging gaps, corner etc. The slag detachability is excellent. This electrode consistently operates throughout the full length, the arc is very smooth and crisp providing drive but without much fierce ness of spatter.

TYPICAL APPLICATIONS

Diamond Proweld E-6013 can be used both in the workshop and on site with equal success. An ideal application is in-situ welding on large fabrications, giving minimum "floor to floor" times in production and eliminating manipulation of the work piece. In the workshop-general fabrication, under frames of vehicles, steel structures, bearings, machine tool parts, storage tanks etc. and site-shipbuilding liquid storage tanks, steel framed structure & towers, general process plant, agricultural implements and pipes etc.

STORAGE & RE BAKING

A certain amount of dampness can be tolerated but for the best results, re drying at 90°C for 30-40 minutes recommended for best results. Not Put These Line after the Welding Position images



DIAMOND PROWELD E-6013

RUTILE TYPE MILD STEEL E-6013
WELDING ELECTRODES

Classification

AWS A/SFA 5.1-91 E6013

EN 499 E 38 0 RC 11

EN ISO 2560-A E 38 0 RC 11

Chemical Composition of Deposited Metal (Weight%)

Element	% C	% MN	% SI	% S	% P
Specs.	<0.1	<0.6	<0.40	<0.030	<0.030

Mechanical Properties of Deposited Metal

Item	Tensile Strength	Yield Strength	Elongation	Charpy Impact Energy Values
Units	N / mm ²	N / mm ²	%	at -0 C
General Results	450-560	380	24 min	47 J

Electrode Size

Electrode Dia (mm)	2.5mm	3.2mm	4.0mm	5.0mm
Electrode Length (mm)	300	350	400	400

Current Condition

Electrode Dia (mm)	2.5mm	3.2mm	4.0mm	5.0mm
Current Range	Min 75A	90A	120A	160A
AC, DC+	Max 90A	130A	180A	220A

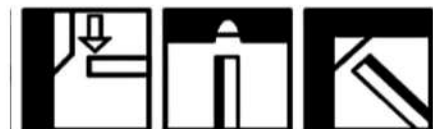
Packing Information

Electrode Dia (mm)	2.5mm	3.2mm	4.0mm	5.0mm
Kg per Packet Approx	2.5kg	5Kg	5Kg	5Kg
Pieces Per Pkt.	145	155	90	55

WELDING POSITIONS



PA AWS 1G PC AWS 2G PB AWS 2F PF AWS 3G



PG AWS 3F PE AWS 4G PD AWS 4F

Manufactured by;



SHANGHAI INDUSTRIES (PVT) LTD.

Manufacturers of Arc Welding Electrodes

Exclusively Manufactured for;



MILLWALA WELDING COMPANY PVT. LIMITED