CARVER - 6013

carver
ROBOWELD LIMITED

RUTILE TYPE GENERAL PURPOSE ELECTRODE

TECHNICAL DATA	
Yield Strength	390 N/mm²
Tensile Strength	460 N/mm²
Elongation	18 - 24 %

RECOMMENDED CURRENT RANGE

ELECTRODES	
SIZE (MM)	AMPS
2.5	60-90
3.25	100-140
4.00	140-180
5.00	180-230

FLUX CORED WIRES

ELECTRODES	
SIZE (MM)	AMPS
1.2	140-280
1.6	200-320
2.00	240-340
2.4	330-370

TYPICAL CHEMICAL COMPOSITION OF WELD METAL

ELEMENT	PERCENT
C	0.07
Mn	0.44
Si	0.22
S	0.020
P	0.020

CODING : AWS/SFA-5.1 E 6013
DIN 1913 E43 11 R(C) 3 / EN 499 E38 0 RC 11

FEATURES :

CARVER 6013 is a rutile based, medium coated general purpose electrode suitable for welding mild steels. The superb and controlled flux formulation ensures excellent performance of the electrode in AC/DC (+) in all welding positions. With its soft, forceful & steady arc, easy slag detachability, fine rippled & shiny bead and characteristics like easy maneuverability in allposition make CARVER 6013 a welder-friendly electrode. We can supply flux cored wires also.

APPLICATIONS :

CARVER 6013 is suitable for all sorts of joining, repairing and fabrication of structural works in mild steels. The applications include: welding of Structures, bridges, automobile bodies, automobile parts, machinery fabrication, steel, furniture, railway coaches & wagons, ships, tugs, barges, trawlers, dredgers, storage tanks, boilers, pipelines, grills etc.

OPERATIONAL CHARACTERISTICS :

- Uniform metal transfer.
- Easy to control weld pool and slag in all positions.
- Suitable for either polarity in DC and AC with OCV as low as 45V.
- Takes care of poor fit-up joints and fills wider gaps with superior quality weld.
- Usability as a contact type electrode.

ISO 9001-2015 CERTIFIED
MEMBER
MADE IN INDIA

Registered Office :
CARVER ROBOWELD LIMITED
1403, Space Odyssey, 150 Feet Ring Road,
Nr. KKV Hall, Rajkot-360005 Gujarat-India
Mobile : 97277 25540, 97277 25564
E : cwpl@carver.co.in · www.carverroboweld.com

Works :
Survey No. 98–P, Near GIDC Bamanbore Estate
Phase–1, Taluka–Chotila, Bamanbore,
Rajkot-363 520 Gujarat-India.
Mobile : 97277 25555 · Email : cwco@carver.co.in