

CHROMET 2L

CHROMET 2L is designed for prolonged elevated temperature service up to 600°C. Main areas of application are associated with steam generating power plant, e.g. piping, turbine castings, steam chests, valve bodies and boiler super-heaters. Some of the consumables will also find service in refineries where they are used for corrosion resistance to sulphur bearing crude oil at 250-450°C. Some of the consumables will also find applications in the chemical and petro-chemical industries where they are used for



resistance to hydrogen attack in the fabrication of hydro-crackers, coal liquefaction plant and NH₃ pressure vessels operating at up to 450°C. In the as welded condition the consumables also provide a useful source of 300HV hardness weld deposit for build-up or hardsurfacing to resist metal-to-metal wear and heavy impact.

CLASSIFICATIONS

AWS	A5.5	E8015-B3L
BS EN	1599	ECrMo 2 L B 3 2
DIN	8575	ECrMo 2 B 2 6

CHEMICAL ANALYSIS

% Carbon	0.040	% Phosphorous	0.015
% Manganese	0.800	% Chromium	2.250
% Silicon	0.300	% Molybdenum	1.050
% Sulphur	0.012	% Copper	<0.10

**TYPICAL MECHANICAL PROPERTIES
(ALL WELD METAL IN THE AS
WELDED CONDITION)**

Tensile Strength	650 MPa
0,2% Proof Strength	570 MPa
% Elongation on 4d	25%
Impact Energy 20°C	160J
Impact Energy -10°C	90J

PACKING DATA

DC+ or AC (OCV 70V Min)

Diameter (mm)	Current Amps	Item Number	Canned Pack Mass (Kg)
2.50	70 - 110	078-288	4
3.20	80 - 140	078-290	5
4.00	100 - 180	078-292	5.8

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