



SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

An ISO - 9001:2008 Certified Institute

TEST CERTIFICATE

000171350

Issued to :

IMW INDIA PRIVATE LTD
NEAR SIDCO COMPLEX
BARI BRAHMNA [SAMBHA]
JAMMU --, JAMMU & KASHMIR

J.O.No. 005-171-1787
Reg.No. 1304680
Date 31-05-2010
GC-01 (REV-04)

Your Ref.No. -

Kind Attn: MR P K SAXENA , G.M.

Sample Particulars :

Date

One Sample described as Copper Strip, was received.

This sample was not drawn by the Representative of SHRI RAM INSTITUTE FOR INDUSTRIAL RESEARCH.

The sample details provided in Test certificate are based on declaration by the Party.

TEST RESULTS

<u>SR.No.</u>	<u>Tests</u>	<u>Observation</u>	<u>Protocol Adopted/ Equipment used</u>
A.	Tensile Strength, Mpa	231	IS:1608-2005
B.	Elongation, (%) (Gauge length - 50 mm)	50.0	-Do-
C.	Resistivity (ohm-mm ² /meter)	0.016972	Guidelines As Per IS:613-2000

D.O.R.: 17.05.2010

D.O.C.: 28.05.2010

for IMW India Pvt. Ltd.

Authorised Signatory

AUTHORISED SIGNATORY
(EMPLOYEE CODE: 608)



SHRIRAM INSTITUTE

(A unit of Shriram Scientific and Industrial Research Foundation)

An ISO - 9001:2008 Certified Institute

TEST CERTIFICATE

000171349

Issued to :
JMW INDIA PRIVATE LTD
NEAR SIDCO COMPLEX
BARI BRAHMNA [SAMBHA]
JAMMU --, JAMMU & KASHMIR

J.O.No. 005-171-1786
Reg.No. 1304680
Date 31-05-2010
GC-01 (REV-04)

Your Ref.No. -

Kind Attn: MR P K SAXENA , G.M.

Sample Particulars :

One Sample described as Copper Rod, was received.

This sample was not drawn by the Representative of SHRI RAM INSTITUTE FOR INDUSTRIAL RESEARCH.

The sample details provided in Test certificate are based on declaration by the Party.

Date

TEST RESULTS

SR.No.	Tests	Observation	Protocol Adopted/ Equipment used
A.	Hardness, HV _{0.5}	77	Microhardness Tester
B.	Density(gm/cc)	8.94	Guidelines ASTM B-328
C.	Carbon (PPM)	77	Guidelines IS:228 Part 1
D.	Surface oxidation	No surface oxidation Was observed	Visual observation

D.O.R.: 17.05.2010
D.O.C.: 31.05.2010

For JMW India Pvt. Ltd.

Authorized Signatory

AUTHORIZED SIGNATORY
(EMPLOYEE CODE: 684)

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P.T.O.