TEST REPORT: 7191049656-CHM12-01-DCB

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PSB Singapore

Choose certainty.
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SUBJECT

Analysis of Stainless Steel Cable

CLIENT

Invisys Technology Pte Ltd
26 Sin Ming Lane
#04-115, Midview City
Singapore 573971

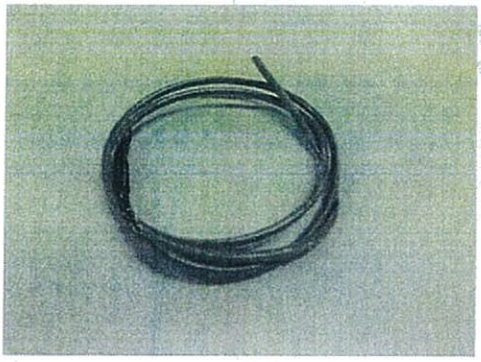
Attn: Mr. David Tan

SAMPLE SUBMISSION / TEST DATE

22 Nov 2012 / 20 Dec 2012

DESCRIPTION OF SAMPLE

One Stainless Steel Cable sample was receieved



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METHOD OF TEST

1. Carbon and Sulphur by ELTRA CS 2000 Carbon / Sulphur Analyser
2. Other elements by Inductively Coupled Plasma – Atomic Emission Spectrometry

RESULTS

Characteristics		Stainless Steel Cable	Specification
Carbon as C,	% m/m	0.07	0.08 max
Silicon as Si,	% m/m	0.23	1.00 max
Manganese as Mn,	% m/m	1.07	2.00 max
Phosphorous as P,	% m/m	0.024	0.045 max
Sulphur as S,	% m/m	0.009	0.030 max
Chromium as Cr,	% m/m	17.11	16.00 – 18.00
Molybdenum as Mo,	% m/m	2.02	2.00 – 3.00
Nickel as Ni,	% m/m	10.70	10.00 – 14.00

Remarks

Chemical Composition of the sample complies with AISI 316 Specification

DULIN CHRISTIAN BRYAN
CHEMIST

DR LI SIHAI
AVP / SENIOR CHEMIST
COATINGS & INDUSTRIAL CHEMICALS
CHEMICAL & MATERIALS