SGS

Material & Engineering Laboratory-Taichung

TEST REPORT

REPORT NO. TV-14-00883X
PAGE NO. 1 OF 3
DATE Apr. 21, 2014

Client	COJAAL CONSORTIUM JAPONAIS POUR L'AUTOROUTE ALGERIENNE
Supplier	GOODWILL FIBERGLASS CORP.
Product Description	GLASS-FIBER REINFORCED PLASTIC TUBE ϕ 76mm
Style/ Item No.	GFRP(Lot No.7614014,1500PC)
Color	WHITE
Submitted By	GOODWILL FIBERGLASS CORP.
Received Date	Apr. 2, 2014
Tested Date	Apr. 2, 2014~Apr. 21, 2014
Remark	The information mentioned in the above section is provided by Client (Exclude Date of Sample Received and Date of Testing)

Test Result :

Test Item	Test Method	Result
Density(g/cm^3)	NF EN ISO 1183-1:2004 Method A	2.05
Glass Content(%)	NF EN ISO 1172:2004	76
Tensile Strength(MPa)	NF EN ISO 527-4:1997	1121
Flexural Modulus(MPa)	NF EN ISO 14125:1998	43891
Shear Strength(MPa)	ASTM D732-10	135

Note: 1.Tensile strength test rate 5mm/min.
2.Test sample was provided by applicant.

For and on behalf of
WECAND ENTERPRISE CO., LTD.

Jason Tsai
Authorized Signature(s)

The required specification(s) offered in this test report is/are for reference only.
The conformity judgment is at the Applicant's final verdict.

Signed for and on behalf of
SGS TAIWAN Ltd.

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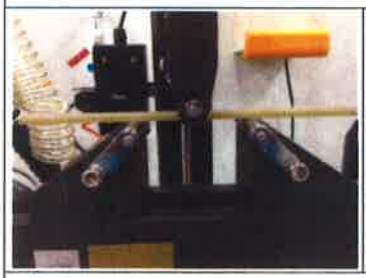
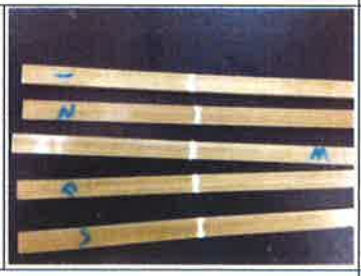
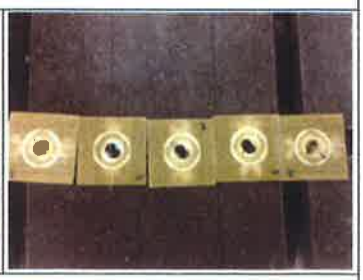
Test Photo :

Tensile Strength Test

Glass Content

Flexural Modulus Test



Shear Strength

Density

For and on behalf of
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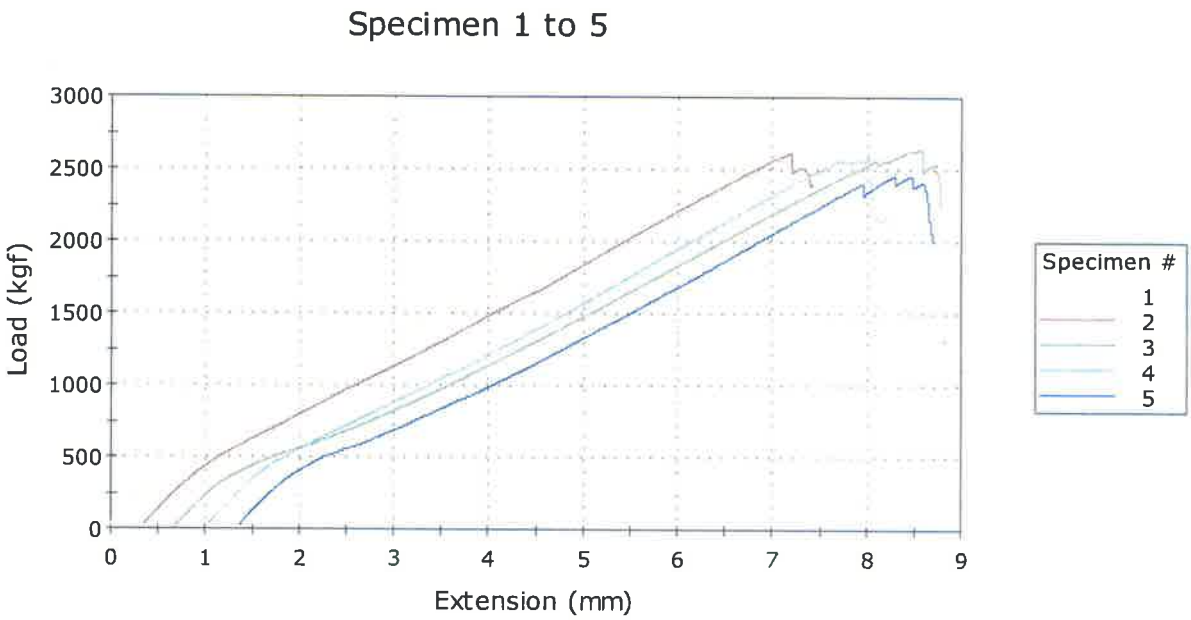
Tensile Strength test Curve :



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