



Material & Engineering Laboratory-Taipei

TEST REPORT

REPORT NO.:HV-06-00275X

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DATE: FEBRUARY 08, 2006

Test Equipment :

Name	Brand	Model
Universal Material Testing Machine Oven	INSTRON GIANT FORCE	5569 GPO-125

Lab Environmental Conditions :

Ambient Temperature : $23 \pm 2^\circ\text{C}$

Relative humidity : $50 \pm 5\% \text{RH}$

Test Method :

Tensile Strength and Ultimate Elongation :

ASTM D412 Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers - Tension

Method A - Die C specimen

Rate of grip separation : 500 mm/min

Oil Resistance :

Refer to ASTM D471 Standard Test Methods for Rubber Property-Effect of Liquids

Immersion liquid : IRM 902

Temperature of exposure : 100°C

Exposure period : 100 hours

Test Result :

Original property before immersion

Tensile Strength : 136 kgf/cm^2

Ultimate Elongation : 342 %

Property after immersion

Tensile Strength Variation : +38 %

Ultimate Elongation Variation : -8 %

— The End of Test Report —

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