



SIRIM QAS International Sdn. Bhd. (410334-X)  
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### TEST REPORT

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Applicant : MAXIM MATERIALITY SDN. BHD.  
No. 15, Jalan SBC 7, Taman Sri Batu Caves,  
68100 Batu Caves, Selangor Darul Ehsan.

Manufacturer :

Product : High Security Rolled Top Welded Fence (Galfan Wire)  
Reference Standard / Method of Test : BS EN 10223-7 : 2012 Steel wire and wire products for fencing and netting. Steel wire welded panels for fencing  
Clause 7.1 – Tensile strength  
Clause 7.3 – Mesh dimensions and tolerance

Description of sample / Description of Test Specimen : Two (2) samples of High Security Rolled Top Welded Fence (Galfan Wire) were received for testing.  
Brand : Envigal  
Size : Spacing 50 mm (vertical) x 150 mm (horizontal) or equivalent to 5 mm (dia)

Date Received of Complete Application : 23 March 2018

Job No. : J20181430400


Description of Test Results / Overall Test Result : This test report covers only test clauses as requested by Applicant to SIRIM QAS International Sdn. Bhd. The test results for the submitted test samples as described in this test report complied with the requirements of the above reference standard at the respective clauses tested.

Issued Date : 30 July 2018

Approved Signatories;

  
.....  
(MOHAMAD RAZIQI BIN SHA'DUN)  
Testing Executive



  
.....  
(RAJA SIHA BINTI RAJA ABDUL HANAN)  
Head  
Civil & Construction Section  
Testing Services Department

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STANDARD REFERENCE : BS EN 10223 -7: 2012  
SAMPLE REFERENCE : HIGH SECURITY ROLLED TOP WELDED FENCE (GALFAN WIRE)

CLAUSE	REQUIREMENT	RESULTS	REMARKS
7.1	TENSILE STRENGTH		
Diameter (mm)	-	4.90	-
Maximum load (kN)	-	13.14	-
Tensile strength (MPa)	350 to 950	697	Pass
7.3	MESH DIMENSIONS AND TOLERANCE		
Longitudinal (mm)	50 ± 3.0	50.24	Pass
Transverse (mm)	150 ± 3.0	149.74	Pass

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