

## TEST REPORT

REPORT NO : 2015PC1138

PAGE NO : 1 OF 2

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Applicant : Lamaco System Sdn. Bhd.  
407 Jalan Perusahaan 6  
Taman Bandar Baru Mergong  
05150 Alor Setar  
Kedah

Manufacturer : - same as above -

Product : 'Build Seal CFFS Extra 300'

Reference Standard : ASTM D 3039/D 3039M: 2008 - Standard Test Method for Tensile Properties of Polymer Matrix Composite Materials

Description of Sample : Brand: LAMACO, Carbon Fiber  
Quantity: 5 pieces

Date Received of Complete Application : 30 November 2015

Job No. : J20151460511

Description of Test Result : The test results of the submitted test sample are described in Page 2 of this test report

Issued date : 1 December 2015

Approved Signatory:



(Rosli Bin Ahad)  
Testing Executive



(Dr Ahmad Fuad Md. Yusuf)  
Head  
Plastics and Composite Materials Section  
Testing Services Department

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**Results:****'Build Seal CFFS Extra 300'**

NO.	PROPERTY	RESULT	TEST METHOD
1	Tensile Strength, MPa		ASTM D 3039
	Specimen 1	3,150	Test speed: 2 mm/ minute Initial gauge length: 50 mm Specimen thickness: 0.167 mm Date of test: 23 November 2015
	Specimen 2	4,550	
	Specimen 3	3,790	
	Specimen 4	3,360	
	Specimen 5	2,900	
	<b>Average</b>	<b>3,550</b>	
2	Elongation at Break, %		
	Specimen 1	1.3	
	Specimen 2	1.8	
	Specimen 3	1.4	
	Specimen 4	1.3	
	Specimen 5	1.1	
	<b>Average</b>	<b>1.4</b>	

