

Test Report Issued To:

## TEST REPORT

**MRM PROCOM PVT. LTD.**

PLOT NO - 20-21, INDUSTRIAL ESTATE, SECTOR - 59,  
PHASE - 2, HARYANA, FARIDABAD, 121004,

Test Report No: 170405052/170405052-1

Date of Issue: 25-Apr-2017



Sample Receipt Date: 05-Apr-2017

Date of Start of Testing: 08-Apr-2017

Date of Completion of Test: 25-Apr-2017

Customer Relationship Number

27617

**Sample Description :**

BUS BAR SUPPORT (BASE MATERIAL SMC)



Sample as Received

Customer Reference No

WO/PO No:

Kind Attention

MR. M.K. SHARMA

E-Mail:

mksharma@mrmprocom.com

Contact No:

9810388177

**Sample Condition**

Sample Quantity (Approx) :

Sample Size (Approx) :

Analyst Signature

Digitally signed  
by Vishwa  
Bandhu Gupta  
Date: 2017.04.27  
13:29:11 +05:30

Authorised Signatory

Authenticity of report can be verified by mail at [verification@spectrolab.in](mailto:verification@spectrolab.in)

This is Computer Generated Report and doesn't required Physical Signature.

**Spectro Analytical Labs Limited**

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ID-170405052-1

S. No.	Name of test	Results	Test Method
1.	Specific Gravity	1.71	ASTMD-792-2013
2.	Compressive Strength, kg/cm <sup>2</sup>	2140	ASTM D-695-2008
3.	Flexural Strength, kg/cm <sup>2</sup>	1550	ASTMD-790-2010
4.	Water Absorption, %	0.20	ASTM D-570-2010
5.	Glass Content, %	28.6	IS:12866-1989
6.	DIELECTRIC STRENGTH TEST (kV/mm)	13.2	ASTM D 149
7.	GLOW WIRE IGNITION TEST Test Condition: - Environment condition: 27 °C and 50 % RH for 24 hours - Temperature: 960 °C - Duration: 30 sec - Force: 1N	The sample self- extinguishes within 30 second after removal of the heated element	IEC – 60695-2-13
8.	HOT WIRE IGNITION TEST Test Condition: - Environment condition: 50 % RH and 23 °C - Conditioning 1: 70 °C for 7 days and cool over desiccant for 4 hours - Conditioning 2: 23 °C and 50% RH for 40hours - Heater Wire: 0.51 mm Nickel-Chrome wire - Power Density: 0.26 W/mm	Ignition was not observed with in 120 seconds after heating	ASTM D 3874

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*R. K. Verma*

ID: 170405052-1

S. No.	Name of test	Results	Test Method
9.	POLLUTION DEGREE	3	IEC 60950
10.	WORKING TEMPERATURE		IEC 60068-2-14: 2009
	Test Condition:		
	→ Temperature 1: -40°C	No physical and operational	
	→ Duration: 30 minutes	change observed after the test	
	→ Temperature 2: 135°C		
	→ Duration: 30 minutes		
	→ No. of cycles: 5		

-----End of test report-----

*Rishi Verma*