



SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

19, University Road, Delhi – 110007 (India)
An ISO - 9001, 14001 & OHSAS 18001 Certified Institute

Website : www.shriraminstitute.org
E-mail id : customercare@shriraminstitute.org

TEST CERTIFICATE

NO.: C1/0000101865

Issued To:

Client Code : A0631
ALSTONE INDUSTRIES PVT LTD
ALSTONE HOUSE, 2 E/7, JHANDEWALAN
EXTENSION
NEW DELHI
DELHI-110055

Date 17/10/2017

Job No. 1709-1-141-3594

Booking No. RG1718/1/6249

Booking Date 27/09/2017

Customer Ref No. -

Customer Ref Date 25/09/2017

Kind Attn: MS. RAKSHANDA JABEEN

Sample Description :

ONE SAMPLE DESCRIBED AS SAMPLE 2: ALSTONE DOOR FRAME (ADF) WAS RECEIVED.

Sampling was not carried out by Shriram Institute for Industrial Research. Samples details provided in the test certificate are based on declaration by the party.

S.No	Tests	Results	Protocol / Instrument used
1.	Density, Kg/m ³	728	ASTM D 1622-03
2.	Filler Content, %	19.9	Thermogravimetric analysis (TGA)
3.	Flexural Modulus, MPa	1470	ISO 178:2010
4.	Vicat Softening Temperature, °C	85	ISO 306:2013
5.	Resistance to Impact by Falling Mass (Using 1 Kg falling mass after conditioning at -10° C for 1 hrs.)	No break	DIN EN 477 : 1995-08
6.	Heat Reversion, %	1.2	DIN EN 479:1995-08
7.	Straightness of Profile (Deviation from straightness)	Nil	EN 12608: 2003

AUTHORISED SIGNATORY
EMPLOYEE CODE : (111591)



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8. Exposure Conditions:

ASTM G 154-16

Duration: 100 hrs

Lamp: UVA

Wavelength: 340 nm

Irradiance: 0.89 ± 0.02 W/m².nm

UV cycle 8 hrs at 60 ± 3 °C

Black Panel Temperture

Condensation cycle for

4 hrs at 50 ± 3 °C

ASTM D 256-10e1

Black Panel Temperture

(a) Izod Impact Strength, J/m

(i) Befor UV Exposure

11.0

(ii) After UV Exposure

9.7

(iii) Retention , %

11.8

D.O.R: 27-09-2017

D.O.C: 17-10-2017

AUTHORISED SIGNATORY
EMPLOYEE CODE : (4159)