



**BUREAU
VERITAS**



*NABL Accredited Lab
as per ISO/IEC: 17025*

BVIPL:BITUMEN:BL/760/8/2020/1a
Test Order dated:13.08.2020

Date:24.08.2020
ULR-TC60062000008623F

S.S. Industries
No. 55/29, Wahab nagar,
Tindivanam, Villupuram Dist - 604002

MECHANICAL TESTING
Building Materials

TEST REPORT ON MODIFIED BITUMEN

Source of Sample : Sample supplied by the customer
Customer's Reference : Letter dated 12.08.2020
UIN : 20016107
Project : Not Furnished
Grade # : PMB 40
Batch No # : SSI/53/20-21
Manufactured date # : 04.08.2020
Period of test : 18.08.2020 to 21.08.2020
Condition of Sample : Satisfactory
Technical Reference : IS:1201 to 1220-1978 (RA 2014), IS:15462-2004(RA-2014),
ASTM-D-4402-15

Sl. No	Name of the test	Results	Requirement for PMB 40 IS:15462-2004 (RA 2014)
1	Penetration at 25°C , 0.1mm, 100g, 5 sec	47	30-50
2	Softening point, °C	87	Minimum 60
3	Flash Point by COC, °C	310	Minimum 220
4	Separation Difference in softening point, R&B, °C	2.0	Maximum 3.0
5	Viscosity @ 150°C, Poise	8.7	3-9

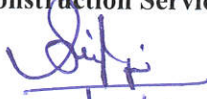
Thin film oven test (TFOT) on Residue:

Sl. No	Name of the test	Results	Requirement for PMB 40 IS:15462-2004 (RA 2014)
1	Loss in weight,%	0.05	Maximum 1.0
2	Increase in softening point, °C	2.0	Maximum 5.0
3	Reduction in Penetration of residue @ 25°C, %	10.6	Maximum 35

As furnished by the customer

- Note: 1. The results relate only to the items tested.
2. Report shall not be reproduced, except in full, without the written approval of the lab.
3. Any correction invalidates this report.

for BUREAU VERITAS (INDIA) PRIVATE LIMITED
Construction Services Laboratory


24/08/2020

SANJEEV PATGAR
Manager Lab



**BUREAU
VERITAS**

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Condition of Sample : Satisfactory
Technical Reference : IS:1201 to 1220-1978 (RA 14), IS:15462-2004(RA-2014),

Sl. No	Name of the test	Results	Requirement for PMB 40 IS:15462-2004 (RA 2014)
1	Elastic recovery of half thread in Ductilometer @ 15°C	85.0	Minimum 70


Thin film oven test (TFOT) on Residue:

Sl. No	Name of the test	Results	Requirement for PMB 40 IS:15462-2004 (RA 2014)
1	Elastic Recovery of half thread in Ductilometer at 25°C, %	80.0	Minimum 50

As furnished by the customer

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Construction Services Laboratory


24/08/2020

SANJEEV PATGAR
Manager Lab