



NABL Accredited Lab  
as per ISO/IEC: 17025

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

Date: 26.08.2020  
ULR-TC600620000009840

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

**MECHANICAL TESTING**  
Building Materials

**TEST REPORT ON BITUMEN SAMPLE**

Source of Sample : Sample supplied by the customer  
Customer's Reference : Letter dated 12.08.2020  
UIN : 20016106  
Project : Not Furnished  
Grade # : VG - 40  
Batch No # : SSI/48/20-21  
Manufactured date # : 02.08.2020  
Period of test : 18.08.2020 to 21.08.2020  
Condition of sample : Satisfactory  
Test Method : IS:1201 to 1220-1978 (RA 2014), IS:73-2013 & ASTM D 4402-2015

Sl. No.	Name of the test	Results	Specification as per IS:73-2013 for grade VG-40
1.	Penetration at 25°C, 100g, 5 sec., 0.1 mm	43	Minimum 35
2.	Softening point (R&B), °C	53	Minimum 50
3.	Flash Point (Cleveland open cup), °C	300	Minimum 220
4.	Solubility in trichloroethylene, %	99.98	Minimum 99.0
5.	Apparent viscosity @ 60 °C, Poises RPM= 0.3 ; Spindle= 27 ; Torque = 38.9%	3240	3200 - 4800
6.	Test on residue from thin film oven tests/RTFOT: a) Viscosity ratio @ 60°C b) Ductility @ 25 °C, cm	1.3 100+	Maximum 4.0 Minimum 25

# 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

26/08/2020

**SANJEEV PATGAR**  
Manager Lab

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Surat, Trichy & Visakhapatnam



**BUREAU  
VERITAS**

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

**TEST REPORT ON BITUMEN SAMPLE**

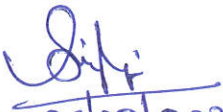
Source of Sample : Sample supplied by the customer  
Customer's Reference : Letter dated 12.08.2020  
UIN : 20016106  
Project : Not Furnished  
Grade # : VG - 40  
Batch No # : SSI/48/20-21  
Manufactured date # : 02.08.2020  
Period of test : 18.08.2020 to 21.08.2020  
Condition of sample : Satisfactory  
Test Method : ASTM D 4402-15 & IS: 73-2013

Sl. No.	Name of the test	Results	Specification as per IS:73-2013 for grade VG-40
1	Kinematic Viscosity @ 135 °C, cSt RPM= 100 ; Spindle= 27 ; Torque = 19.2%	465	Minimum 400

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