



सत्यमेव जयते

TEST CERTIFICATE



भारत सरकार

उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय

Government of India

Ministry of Consumer Affairs, Food and Public Distribution

राष्ट्रीय परीक्षण शाला (पूर्वी क्षेत्र)

National Test House (ER)

11/1 जजेस कोर्ट रोड, अलीपुर, कोलकाता - 700 027

11/1, Judges' Court Road, Alipore, Kolkata - 700 027

Phone : 91-33-2479-3510 / 2449-8027 / 2479-1534, Fax : 91-33-2449-8026

email : nthkol-wb@nic.in



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भारत सरकार
Government of India

FORM NO : NTH/ALP/F/5

राष्ट्रीय परीक्षण शाला (पूर्वी क्षेत्र)
National Test House (Eastern Region)

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Number of Copies issued Single

परीक्षण प्रमाण पत्र
TEST CERTIFICATE

INTERIM/FINAL REPORT

परीक्षण प्रमाण पत्र सं.
Test Certificate No

जारी होने की तिथि
Date of Issue

कोड नं
Code No

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NTH(ER)/CH(P)/2019/00280

03/10/2019

1569826738516

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जिसे जारी करना है

MACLANE INDUSTRIES PRIVATE LIMITED.

Issued To

पता

1st Floor, Plot No-3, Gali No-1, Near Garoli Khurd, Saraswati
Enclave, Gurgaon, Haryana-122001.

Address

ग्राहक का सन्दर्भ सं एवं दिनांक

Customer's Ref. No.

NIL

Date: 19/09/2019

पंजिका सं एवं दिनांक

Register No & Date

00280/NTH(ER)/CH(P)/30/09/2019

परीक्षण सामग्री का विवरण

Description of Test Item

Thermoplastic
Road Marking Material (Maclane)

परीक्षण सामग्री का पहचान

Identification of Test Item

Sample received in a sealed HDPE bag (Qty - 25 kgs), Color -
white, sample described as Thermoplastic
Road Marking material, (Identification Mark: "Maclane" as per
letter)

नमूना का विशिष्टि (यदि हों)

Product Specification (If any)

CI 803.4.1 of MORTH

नमूना प्राप्ति की तिथि

Date of Receipt of the Test Item

30/09/2019

कार्य सम्पादन की तिथि

Date(s) of Performance of Tests

From: 30/09/2019 To: 03/10/2019

व्यावहृत प्रणाली का पहचान

Method(s) used for Test

On the lines of BS-3262 (Part-I):1989

As per specification

नमूना प्रक्रिया वहीं प्रासंगिक हों

Sampling Procedure where relevant

Tested By

Checked By

Approved By

Milton Baidya

Parbati Mandi

Dr. Anath Bandhu Mondal

SA(Chemical)

Scientist- B (Chemical)

Scientist- B (Chemical)



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Sl. No.	Test Name	Test Result	Limit
1	Colour	White	White/Yellow
2	Drying time	Less than 5 minutes	15 Minutes Max
3	Binder content, per cent by mass	20.1	18.0 Min
4	Softening Point, deg. C	102 Deg C	102.5 (+/-) 9.5
5	Luminance Factor, Day light, percentage	83	Min.65 for white & 45 for yellow

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Sl. No.

Test Name

Test Result

Limit

6

Flow Resistance

Satisfactory, No change observed in the height of the obtained cone after 48 hours.

Not more than 25%

7

Solid glass bead content, percent by mass

30.0

30-40 min

8

Pigment (as Titanium Dioxide), per cent by mass.

10.3

10.0 min

9

Cracking resistance when applied on concrete block

Satisfactory, No crack found on the paint when applied on a concrete block and kept it at 0 deg C for 72 hours.

Material shall not show cracks when applied on concrete blocks.

10

Calcium carbonate & inert fillers, percent by mass

39.4

42.0 max

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Sl. No.

Test Name

Test Result

Limit

टिप्पणी
Note

Nil

कैफियत
Remarks

In respect of tests carried out the sample meets the requirements of CI 803.4.1 of MORTH
for Thermoplastic road marking material.

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