

TEST REPORT

REVISED

Report No. : MAN:TR:8530004924-1

DATE : 13/04/2017



HI TECH INTERNATIONAL
 PLOT NO B 31, BEANT COLONY JAMALPUR
 LUDHIANA-141010
 INDIA

CONTACT PERSON : MR. SIDHARTH SAREEN

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :

SAMPLE DESCRIPTION	THERMAL SHRINK FILM AS PER EN13206/EN13207	
COUNTRY OF ORIGIN	INDIA	
SAMPLE RECD ON	06/03/2017	TESTING PERIOD : 17/03/2017-20/03/2017
MODIFIED DATE	11/04/2017	
TEST(S) REQUESTED	UV TEST	

Sample Photo: as received



UV TEST:
EN 13206 : 2001

Test method : ISO 4892-2 : 2013 / ISO 527-1&2 : 2012

Test instrument : Xenon arc Weather-o- meter – Atlas Ci 5000.

Test condition :

Black Panel Temperature	:	65±3 °C
Chamber air temperature	:	38 ±3 °C
Relative Humidity	:	65±5%
Spraying	:	18 min water spray in102 min light exposure
Irradiance	:	60 W/m ² @ 340nm
Exposure	:	62.37 hrs
KLY Exposure	:	322 KLY

**This Report cancels and supersedes the Report No 8530004924 Dated 05/04/2017 issued by SGS India
 THIS REPORT HAS BEEN REVISED TO ADD SOME ADDITIONAL INFORMATION IN THE REPORT AS PER CLIENT REQUEST**

JOE No. : 1753801116

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**Note : 7337 hrs with 0.51 W/m² = 62.37 hrs with 60 W/m²
1 KLY exposure = 41.84 kJ/m²**

Then performed the tensile strength, Tensile strain at break & thickness test as per below ,

Type of machine used : CRE
Speed : 500 mm/min
Sample type : Type 2 (ISO 527-3)

Requirement :

Test	Initial	Final
Thicknes	±5	>50 % of initial value
Tensile strength (MPa)	≥17	
Tensile strain at break (%)	≥400	

Observation :

Grey scale rating	4/5	
ΔE	0.05	
Thickness (mm)	Before exposure	After exposure
	0.210	0.210
Tensile strength (MPa)	20.84	20.35
Tensile strain at break (%)	827.7	800.3

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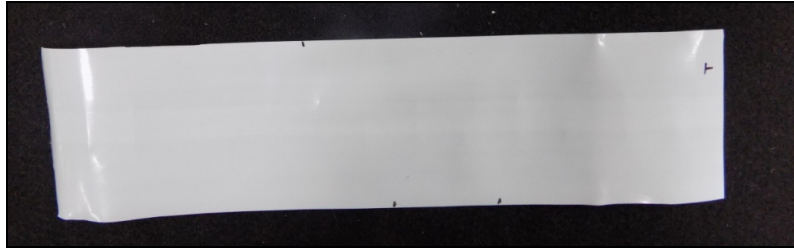
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TESTED SAMPLE

Conclusion : Tested sample meet the test specification requirement

Note : Test performed as per the conditions given by the client

**** End of Report****

Per Pro SGS India Private Ltd

Authorized Signatory

Lalit Raheja
(Asst. Manager)

Email your Test Report Related Enquiries at Feedback.TRP@sgs.com

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