

केंद्रीय पेट्रोसायन अभियांत्रिकी एवं
प्रौद्योगिकी संस्थान (सिपेट: आई.पी.टी.)

(पूर्व में केंद्रीय प्लास्टिक इंजीनियरिंग एवं तकनीकी संस्थान)

रसायन एवं पेट्रोसायन विभाग,

रसायन एवं उर्वरक मंत्रालय, भारत सरकार

बी-२७, अमौसी इण्डस्ट्रियल एरिया, लखनऊ-२२६ ००८

फोन : ७६०७९९४०९४, ८७५६९९२८८२

E-mail : testing-lucknow@cipet.gov.in, lucknow@cipet.gov.in

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Central Institute of Petrochemicals
Engineering & Technology (CIPET: IPT)

(Formerly Central Institute of Plastics Engineering & Technology)

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Series : G

PLASTIC TESTING CENTRE
TEST CERTIFICATE



S.No. 3202

Date: 09.02.2024

ULR-TC59552400000647F

Issued to : M/s Gulmohar Pack-Tech India Pvt. Ltd.
Sr. No. 80/11, Plot No. 1, 2, 3,
Gulmohar Tech Part, Bhosari Alandi Road,
Dighi Magazine Chowk,
Behind Pragati Hotel, Pune-412 105



Your Ref. No. & Date: Nil,

dated : Nil

TEST REPORT AS PER IS: 14611:2016 WITH LATEST AMENDMENT

TEST REPORT NO: 3475

Page 1 of 3

PART - A: -PARTICULARS OF SAMPLE SUBMITTED

a)	Name of the sample	:	120 GSM Blue "SECULIN" Product as stated by the party
b)	Grade / Variety / type / size / class	:	120 GSM as stated by the party
c)	Declared value, if any &	:	--
d)	Code No.	:	--
e)	Batch No. & Date of Manufacture	:	--
f)	Quantity	:	1 No. of 1 mtr. X 1 mtr. approx.
g)	Mode of Packing	:	Packed in envelope
h)	Sealed or not	:	Not sealed
i)	Date of receipt of sample	:	05.12.2023
j)	Date of starting of testing	:	23.01.2024
k)	Date of completion of testing	:	09.02.2024
l)	Any other information	:	Payment received on 25.01.2024

PART - B :- SUPPLEMENTARY INFORMATIONS

a)	Reference to sampling procedure	:	Not Applicable.
b)	Supporting document for the measurement taken & result derived	:	Not Applicable.
c)	Deviation from the test method as prescribe in relevant work instructions, if any	:	Not Applicable.

सिपेट : आईपीटी, लखनऊ

Continuation Sheet



CIPET : IPT, LUCKNOW

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G - 3202

Your Ref. No. & Date: Nil, dated : Nil

TEST REPORT No.- 3475

Date : 09.02.2024

PART - C :-TEST RESULTS As per IS: 14611:2016 with Latest Amendment

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S. No	Clause	Name of the Test	Test Method	Units	Specified Requirements	Test Value Obtained
1.	6.1	Workmanship	IS 14611-2016	--	The tarpaulins covers shall be uniform in colour texture and finish and shall be substantially free from pin hole and particles of foreign matter. There shall be no other visible defects, such as holes tears or blisters. The edges shall be free from nicks & cuts visible to unaided eye.	Satisfactory
2.	6.3	Accelerated Ageing test	IS 7016 (Pt.-8) 1975	--	The sample shall show no apparent deterioration like softening, stiffening, tackiness, brittleness discoloration and degradation of physical properties.	The sample shows no apparent deterioration like softening, stiffening, tackiness, brittleness discoloration and degradation of physical properties
3.	6.8 Table-1	Tensile Strength (Before Ageing)	IS: 13360 (Pt.-5/ Sec-1)	Kg/cm ²	Min. 250	478
		a) Longitudinal Direction				
		b) Transverse Direction				
		Elongation at break				
a) Longitudinal Direction	%	Min. 400	768			
b) Transverse Direction	%	Min. 300	654			
4.	6.8 Table-1	Tensile Strength (After Ageing) (At 70 ± 1° C for 168 hrs)	IS: 13360 (Pt.-5/ Sec-3)	Kg/cm ²	(Max.)30% decrease from the original	394 (17.57%)
		a) Longitudinal Direction				
		b) Transverse Direction		Kg/cm ²		267 (17.59%)

Contd.....

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Your Ref. No. & Date: Nil, dated: Nil
TEST REPORT No.- 3475

TC-5955

Date : 09.02.2024

PART - C :-TEST RESULTS As per IS: 14611:2016 (with latest amendment)

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S. No	Clause	Name of the Test	Test Method	Units	Specified Requirements	Test Value Obtained
5.	6.8 Table-1	Tear Strength (Before Ageing)	IS:14611-2016 Annexure-F	gf	Min. 2080	3904
		a) Longitudinal Direction				
6.	6.8 Table-1	Tear Strength (After Ageing)	IS: 14611 - 2016	%	Max. 30% decrease from the original	2880 (26.23%)
		i) Longitudinal Direction				
7.	6.8 Table-1	Tensile Strength (After 192 hrs UV exposure)	IS: 13360 (Pt.-5/Sec-1) & IS: 13360 (Pt.-5/Sec-3)	Kg/cm ²	Should be Min. 50% of original value	304 (63.60%)
		a) Longitudinal Direction				
		b) Transverse Direction		%		444 (67.89%)
		Elongation at break (After UV exposure)				
a) Longitudinal Direction	%	570 (74.22%)				
b) Transverse Direction						
8.	6.4	Water Proofness Test	IS: 7016 (Pt.-4)	--	Shall not allow water to percolate through or become wet on its outer surface	Sample does not allow water to percolate through or become wet on its outer surface.

PART - D : REMARKS - Nil


AUTHORIZED SIGNATORY
Dr. V.H Sangeetha
Technical Officer


AUTHORIZED SIGNATORY
Vivek Kumar
Quality Manager

- (i) This Test Report/ Certificate is issued only for the samples submitted to CIPET.
(ii) The results stated above related only to the items tested.
(iii) The quality of the subsequent production lot has to be ensured by the purchaser.
(iv) The test certificate shall not be reproduced in full except without the written approval of the laboratory.
(v) Statement of conformity of a specification or standard is provided by laboratory taking into account the level of risk associated/borderline cases with the decision rule employed.