

sasmira

The Synthetic & Art Silk Mills' Research Association

(APPROVED BODY OF THE MINISTRY OF TEXTILES, GOVT. OF INDIA)

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TEST REPORT

Test Report No: S2500360	Date: 16 Feb 2026
Name & Address of Customer:	M/s. ROYAL EAGLE TRADERS 3rd Floor, Office No. 4, J-9 Center., Adajan Hajira Road, Adajan, Surat, Surat, , 395009 Surat, Gujarat - 395009
Sample Forwarding letter No:	Letter dated 13/02/2026
Date of Receipt: 13 Feb 2026	Date of Testing: 13-02-2026 to 16-02-2026
Particulars of Sample :	One Yarn Sample.
Condition of the item/sample on receipt	Good

Discipline: Mechanical

Group: Textile

Sample ID Mark : **Polypropylene**

S.No	Test Parameter	Test Method	Test Results
1	Breaking strength, Elongation % and Tenacity of fibre -Breaking strength -Elongation % -Tenacity -Breaking Strength CV% -Elongation CV% -Tenacity CV%	ASTM D 3882/D3822-14(2020)	5.48 gf 29.1 % 3.91 gpd 13.2 % 24.2 % 13.2 %
2	Denier of fibre -Denier of fibre -CV%	ASTM D1577-07(2024)e1 option C	1.4 D 6.3 %

Any Observation / Comments : Testing was carried out on fibers removed from yarn hence reported results are approximate.

Authorised Signatory



Pragati S Kulkarni
Technical Manager



-- End of the Report --

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Note : L / 04 / 05

- The test report shall not be reproduced except in full, without written approval of the laboratory.
- The sample/s tested and reported is / are not drawn by the laboratory, unless otherwise specified.
- The report is strictly confidential and for technical information of the

The result relate only to the samples submitted.

- Sample conditioning and testing: a) For IS, IS/ISO Test Method: Temp. of 27±2°C and Humidity of 65±2%; b) For ASTM & AATCC Test Method: Temp. of 21±2°C and Humidity of 65±5% and c) For ISO/DIN/ISI Test Method: Temp. of 20±2°C and humidity of 65±2%.
- The rating for Pilling test varies from 1 to 5, where 1 is "severe pilling" and/or "Dense surface fuzzing" and 5 is "No change".
- The rating for Change in shade/Staining varies from 1 to 5 where 1 is poor and 5 is excellent.