

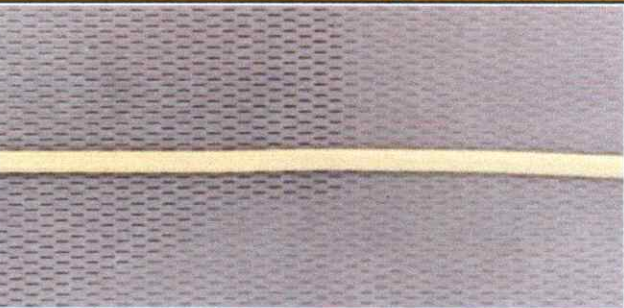


VIRAJ SYNTEX PVT. LTD.

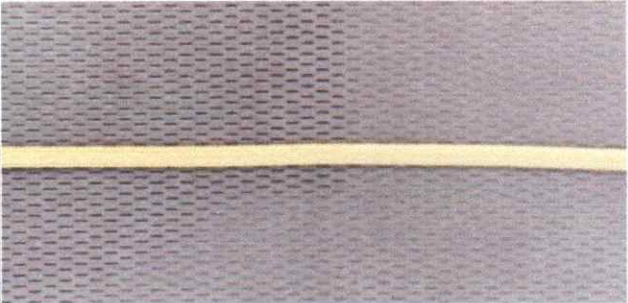
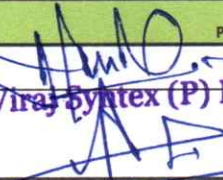


Regd. Office: C-36, UPSIDC Industrial Area, Roama, Kanpur-209402 (UP) India | E-Mail: lab.rooma@virajsyntex.com | Website: www.virajsyntex.com

Technical Test Certificate - MIL Spec.& PIA - Braided Cords/Ropes

1	Item Name :	Cord Nylon BS 550 Pound Olive Green				Attach Below Item Image					
2	Report No :	VSPL/TTC/01		Date :	07.09.2026						
3	Customer Name :	Viraj Syntex Pvt. Ltd.		Our Item Code :	BC-PIA-1105 OG						
4	Customer Part No. :	N/A		Po. No. & Date :	N/A						
5	MIL Specification No :	PIA-C-5040		Type & Class No :	III & 0						
6	No of Carrier :	32		Job No & Date :	Sample Test Report						
7	Sample Tested :	5		Qty/Lot Size :	As Per Requirement						
Sr	DETAILS	Unit	Specn Requirements	Tolerance	Test Results 1	Test Result 2					
1	Dia :	mm	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Length Per Pound, Feet :	ft.	225	min.	239	246	237	241	236	240	6004
3	Picks / Inch :	inch	26 - 28	N/A	27	27	27	27	27	27	Clause 4.4.1
4	Breaking strength (Pound) & Test Graph :	lbs	550.0	min.	577	574	579	592	588	582	6016-Graph Attached
5	Elongation percent (at 75% of Breaking Stregh) :	%	30	min.	33.0	32.5	32.8	33.4	33.3	33.0	6016 1_/_
6	Material Type :	N/A	Nylon 6,6	N/A	Nylon 6,6	N/A	N/A	N/A	N/A	Nylon 6,6	1_/_ASTM D 1422 1_/_ 2_/_ , ASTM D 1423 1_/_ 2_/_
	Yarn Basic Denier :	D	210	N/A	210	N/A	N/A	N/A	N/A	210	
	Yarn Ply :	N/A	3 Ply	N/A	3 Ply	N/A	N/A	N/A	N/A	3 Ply	
	TPI :	N/A	5 - 7	N/A	5	N/A	N/A	N/A	N/A	5	
7	Material Type (Core) :	N/A	Nylon 6,6	N/A	Nylon 6,6	N/A	N/A	N/A	N/A	Nylon 6,6	1_/_ASTM D 1422 1_/_ 2_/_ , ASTM D 1423 1_/_ 2_/_
	Yarn Basic Denier (Core) :	N/A	1050 Or 210	N/A	210	N/A	N/A	N/A	N/A	210	
	Yarn Ply (Core) :	N/A	3 Ply Or 5 Ply	N/A	5 Ply	N/A	N/A	N/A	N/A	5 Ply	
	TPI (Core) :	N/A	6 - 8	N/A	6	N/A	N/A	N/A	N/A	6	
8	Melting Point of Yarn :	(°F)	473*	N/A	503	N/A	N/A	N/A	N/A	503	ASTM D 276 1_/_
9	No. of Carriers (Sleeve) :	N/A	32 Or 36	N/A	32	N/A	N/A	N/A	N/A	32	Visual
	Ends per Carriers (Sleeve) :	N/A	3	N/A	3	N/A	N/A	N/A	N/A	3	
	Total No. of Ends (Sleeve) :	N/A	96 Or 108	N/A	96	N/A	N/A	N/A	N/A	96	
10	No. of Carriers (Core) :	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Visual
	Ends per Carriers (Core) :	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Total No. of Ends (Core) :	N/A	7 - 9	N/A	8	N/A	N/A	N/A	N/A	8	
11	Weave :	N/A	Braided	N/A	Braided	N/A	N/A	N/A	N/A	Braided	Visual
12	Shade & Shade Code :	N/A	Olive Green (OG)	N/A	Olive Green (OG)	N/A	N/A	N/A	N/A	Olive Green (OG)	Clause 3.8
13	Finish :	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Clause 3.7
14	Extractable Mattter :	N/A	≤ 2	%	0.65	0.72	0.61	0.64	0.61	0.65	Clause 3.10
15	Tackiness :	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

>>>> Cont. on Page 2

1	Item Name :	Cord Nylon BS 550 Pound Olive Green				Attach Below Item Image						
2	Report No :	VSPL/TTC/01		Date :	07.09.2026							
3	Customer Name :	Viraj Syntex Pvt. Ltd.		Our Item Code :	BC-PIA-1105 OG							
4	Customer Part No. :	N/A		Po. No. & Date :	N/A							
5	MIL Specification No :	PIA-C-5040		Type & Class No :	III & O							
6	Loom Type :	32		Job No & Date :	Sample Test Report							
7	Sample Tested :	5		Qty/Lot Size :	As Per Requirement							
	DETAILS	Unit	Specn Requirements	Tolerance	Test Results 1	Test Result 2	Test Result 3	Test Result 4	Test Result 5	Test Results (Av)	Test Method	
16	Fastness To Washing (Laundering) :										AATCC 61	
	Light	N/A	3 - 4	min.	3	N/A	N/A	N/A	N/A	3.0	AATCC 16.2 _ / or AATCC 16.3 _ /	
	Laundring / Dry Cleaning	N/A	3 - 4	min.	4	N/A	N/A	N/A	N/A	4.0	AATCC 132	
17	Residual Shrinkage :	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
18	pH :	N/A	5.5 - 9.0	N/A	6.8	7.1	N/A	N/A	N/A	6.95	AATCC 81	
19	Bs After Resistance To Light (Kgf) :	lbs	468	min.	514	521	516	519	525	519	ASTM G151, ASTM G155 & PIA-TM-6016	
	Bs Loss % After Resistance To Light (Xenon Arc) :	%	Not Lose More Than 15%	N/A	10.92	9.23	10.88	12.33	10.71	10.82	ASTM G151 & ASTM G155	
20	Bs After Resistance To Heat (Kgf) :	lbs	468	min.	536	529	530	534	536	533	ASTM D1776 & PIA-TM-6016	
	Bs Loss % After Resistance To Heat (Oven) :	%	Not Lose More Than 15%	N/A	7.11	7.84	8.46	9.80	8.84	8.41	ASTM D1776	
21	Remarks :											
	Remarks :											
	Remarks :											
Over All Test Result :		Pass				Lot Size	Unit	Sampling	Lot Size/Unit	Sampling		
Prepared By (Asst. Lab)		 For Viraj Syntex (P) Ltd. Lab/Q.C. Incharge				Date :	7/9/26	1 up to 10,500	Yrad	2	105,001 up to 350,000	8
Checked & Approved By (Lab/QC Inch.)						Date :	7/9/26	10501 up to 35,000	Yard	3	350,001 up to 2,240,000	13
								35,001 up to 105,000	Yard	5	2,240,001 up to 24,500,000	20
Doc.no : VSPL/LAB (MIL TTC)/31 REV:00/01.12.22												

VIRAJ SYNTEX (PVT.) LTD

(An ISO 9001 : 2015 Certified Company)

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**TEST REPORT**

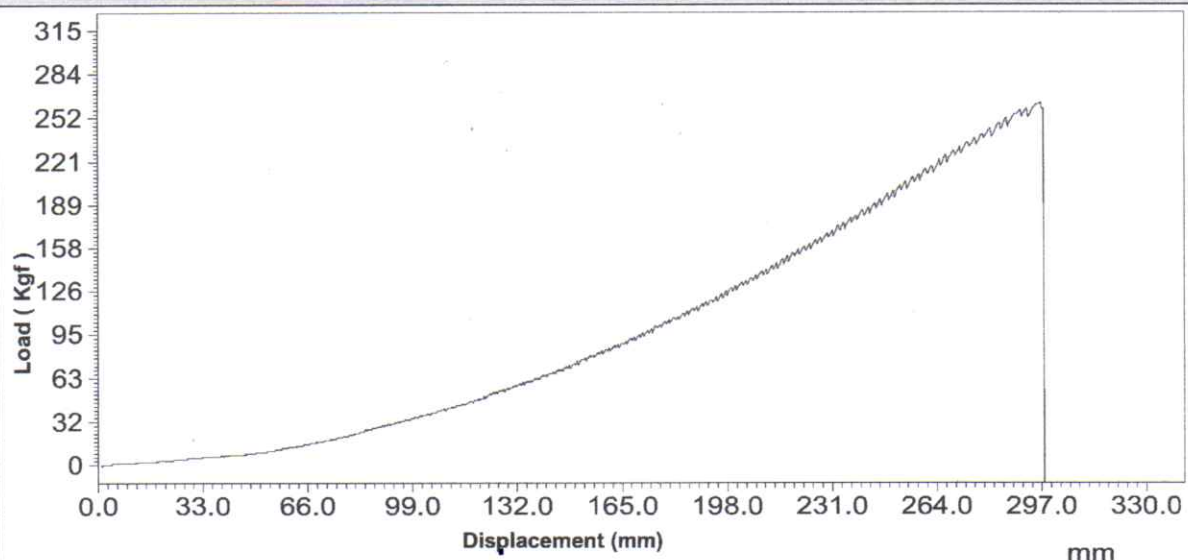
Tensile / Breaking Load & Elongation Test - Tapes/Webbings			
Report No. :	VSPL/TT/26-27/01	Date :	09/07/2026
Order / Job No.:	Viraj Syntex Pvt. Ltd.	Time :	10:58:12 AM
Item Detail :	Cord Nylon BS 550 lbs Olive Green	M/C Capacity (Kgf) :	500
Item Code :	BC-PIA-1105 OG	WLL(Kgf) :	N/A
Sample No. :	001	Batch No. :	Sample
Test Specification :	PIA-C-5040 (T-III, C-0)	Grip Distance (mm) :	254
Test Procedure No. :	PIA-TM-6016	Traverse Speed (mm/min) :	66

Test Discription

The test sample shall be centrally clamped between the upper fixed grip and lower moving desired type of grips of the sample and as per required grip distance and traverse speed so that the longitudinal axis of the sample is at right angles to the edges of the grips after pretension. Please refer following Specifications for determination of Breaking Load _Elongation at break.

Test Exceptions / Deviations , If Any :**TEST RESULTS**

Test Parameter	Results	Required
Tensile / Breaking Peak Load (Kgf) :	262	250 Min.
Elongation at Break (mm) :	12.3	N/A
Elongation % at N/A Kgf / WLL	N/A	N/A
Elongation % at 262 Kgf / Peak Load :	33.0	30 Min.

TEST GRAPH

Final Test Results :	PASS ✓	FAIL
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Test Comments / Remarks :

Tested By (Lab Assistant) : Name Anurag Srivastava Signatures [Signature]

Checked By (Lab Incharge) : Name Ankit Kushwaha Signatures [Signature]

Doc No : VSPL/LAB/06/T/REV:00/1.1.14

Lab/Q.C. Incharge