



QUADRAPLAST, PT

Technical Report: (7117) 132-0130

Date Received: May 10, 2017

February 20, 2018

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ANTONIUS
QUADRAPLAST, PT
JALAN GELORA NO. 16 – 18 KELURAHAN PAJANG
KECAMATAN BENDA – JURUMUDI – TANGERANG

Sample Description:	NATUR ROPE	PO No.:	12 / V / PURCH / QP / 17
Manufacturer:	QUADRAPLAST, PT	Style:	/
Buyer:	/	Country of Destination:	/
Country of Origin:	INDONESIA	SKU No.:	/
Color:	ART NO. : NATURE ROPE – 1011	UPC Code:	/
Protocol No.:	SUBMITTED METHOD	Lot No:	/
Previous Report No.:	/		

EXECUTIVE SUMMARY:

This report only covers breaking strength of textile fabrics: grab test, resistance to weathering test (12 cycles: 144 hours), and colorfastness to light test (4000 hours) as per vendor request.

The submitted sample rated as PASS with satisfactory performance in all conducted tests.



RESULT(S):

Evaluation	Citation / Method	Criteria	Results	Rating
Breaking strength of textile fabrics: grab test	ASTM D5034-09 (R2017)	Fabric weight (oz/yd ²): < 2.4: 15 lbf minimum 2.5-4.0: 25 lbf minimum 4.1-6.0: 30 lbf minimum > 6.0: 40 lbf minimum	M Minimum: 135.9 lbf Elongation at break: 619.1%	PASS
Resistance to weathering test	CPAI 84 4.2.2.3	After 12 cycles (144 hours) of exposure as below, the specimens shall have no wrinkles or gaps, no physical or structural deterioration, and the visual color level rating shall be Class 3.5 minimum. Each cycle shall consist of: • 8 hr of UVA 340 lamp, 60 °C • 5 minutes water spray • 4 hr condensation at 50 °C • 5 minutes water spray When cut pieces are used for testing: • Photograph the pieces and describe the location. • Wax Sealer must be applied to the cut surface to stop water from entering. Note: perform this test immediately following the resistance to weathering testing, using the same sample Modification= expanded scope to all product types. Client requirement = testing cycle	M No structure failure Color change: Class 4.0	PASS
Colorfastness to light	AATCC 16.3-14	[Option 3] General: Grade 4.0 minimum at 20 AFU Modified: test up to 4000 hours	M Grade 4.5 at 4000 Hours	PASS

Results Key:

M	Meets	NM	Does Not Meet
NA	Not Applicable	NT	Not Tested
C	Claimed	R	Recorded



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**BUREAU VERITAS CONSUMER PRODUCTS SERVICES
INDONESIA BRANCH**

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C/N: MC62196/An/Ro/Jo/Ma/Jo

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COVER PICTURE #1