

Our Ref: SW/BR

28 October 2020

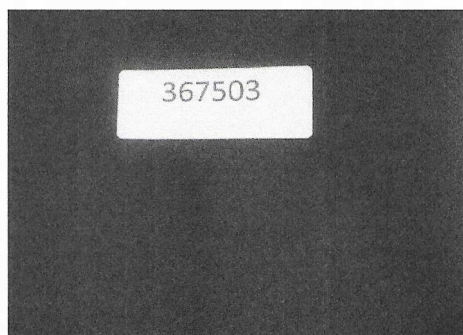
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ONIRO Textiles
Fahrenheitbaan 4B
3439 MD Nieuwegein
Netherlands

Contact: Ninja Voorthuis

DATE RECEIVED	: 20 OCT 2020
FABRIC SUPPLIER	: Oniro Textiles
QUALITY/REFERENCE	: NIROXX ULTRA
REPUTED FIBRE CONTENT	: 100% PES
FABRIC DESCRIPTION	: WOVEN
COLOUR/DESIGN	: 54013
BATCH NUMBER	: 419283 8997-1
ONIRO REFERENCE	: ULTRA
PERFORMANCE STANDARD	: GENERAL



REQUEST: Colour fastness to wet & dry rubbing, light; tensile strength, tear strength, pilling, martindale abrasion & hydrostatic head

COMMENTS: Schildknecht flexing to follow on report 367503/2



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COLOUR FASTNESS TO:

BS EN ISO 105-X12:2016 Rubbing

Colour	Test	Staining
	Dry, Face, Length	4-5
	Dry, Face, Width	4-5
	Wet, Face, Length	4-5
	Wet, Face, Width	4-5

BS EN ISO 105-B02:2014 Light Fastness Blue Wool 6

	Shade change
	6+

PHYSICAL

BS EN ISO 13934-1:2013 Tensile Strength 50mm Strip

	Length	Width
Mean	1901.2 N	1638.9 N

ISO 4674-1:2003 TONGUE TEAR STRENGTH

	Length	Width
Mean	204.1 N	182.9 N

BS EN ISO 12945-2:2000 PILLING MODIFIED MARTINDALE

Revs	Grade
500	5
1000	5
2000	5
5000	5

Sample tested: As received

Tested using standard worsted abradant as per BS EN ISO 12947-1



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PHYSICAL

Abrasion Resistance BS EN ISO 12947-2: 1998 / BS EN 14465: 2003 Annex A §
12 kPa load.

Number of rubs to breakdown:
Head 1 100,000+
Head 2 100,000+
Head 3 100,000+
Head 4 100,000+

BS EN 20811:1992 (1996) Hydrostatic Head

Sample area 100cm²
Test atmosphere 20°C 65% R.H
Water temperature 20°C
Rate of rise of water pressure 60cm/min

Test 1	209 cms/H ₂ O
Test 2	214 cms/H ₂ O
Test 3	211 cms/H ₂ O
Test 4	247 cms/H ₂ O
Test 5	225 cms/H ₂ O
Mean	221 cms/H ₂ O

Tests indicated § are within the bounds of the flexible scope of accreditation operated by the laboratory.

