

# MACKINTOSH® MONOCHROME

100% Polypropylene

240 gsm | Woven Dobby

Fabric Name:	MACKINTOSH® MONOCHROME
Model:	510.102
Color:	Starry
Denier:	225D
Fabric Weight:	240 gsm
Composition:	100% Polypropylene
Width:	60
Weave:	Woven Dobby
Application:	Cycling, Camping, and Backpacks: Backpacks, Gear
Warp:	225D DTY
Weft:	225D DTY + 550D ATY



## Product Characteristics

Test Description	Protocol	Results
Dimensional Stability to Washing	ISO 3759-2011	L0%/W-0.3%
Abrasion Resistance	ISO 12947-2	20000
Pilling Resistance	ASTM D4970   ISO 12945-2	TBD   15000
Tear Strength Warp/Weft	ASTM D2261	94.6N/107.4N
Color Fastness to Washing	ISO105-C06	4<>5
Color Fastness to Rubbing	ISO105-X12	4<>5
Color Fastness to Light	ISO105-B02	6
Rain Test	AATCC 35	<0.1
Spray Test	AATCC 22	90<>100
Water Repellency	ISO 4920	5
Water Repellency After Wash	ISO 9865/6330	4.5
Hydrostatic Head Pressure (Before/After Wash)	AATCC 127	320   TBD
Hydrostatic Head Pressure (Before/After Wash)	JIS L 1092	TBD   TBD
Bundesmann Average Water Absorption	ISO 9865	0.241
Bundesmann Average Visual Grade	ISO 9865	1
Bundesmann Wetting to Underside	ISO 9865	Yes
Bundesmann Average Penetration	ISO 9865	3

HIGG MSI		CO2 Emissions (CO2e/kg)		5.548
Global Warming	Eutrophication	Water Scarcity	Resource Depletion	Chemistry
1.286	1.286	35.053	0.222	17.6

[www.axroma.com](http://www.axroma.com)

TAIWAN AXROMA TECHNICAL TEXTILES CO., LTD.  
No. 636 Hsi-Ping Road, Douliou City  
Yunlin Hsien, 64057, Taiwan  
T: 886-5-5511008 F: 886-5-5511010

AXROMA TECHNICAL TEXTILES (LIANYUNGANG) CO., LTD.  
No. 25 YuZhou Road (South), Haizhou Development Zone  
Lianyungang City, JiangSu Province 222062 China  
T: 86-518-85910058 F: 86-518-85910057