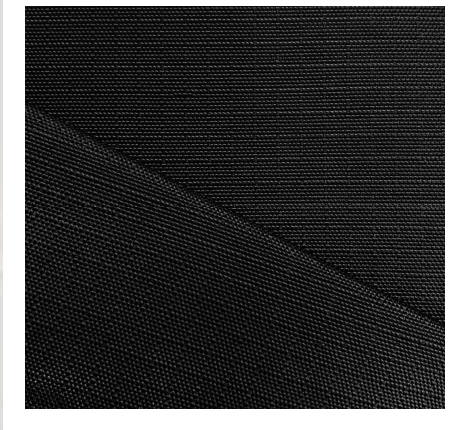


MACKINTOSH® SUPREME RIPSTOP

100% PP

145gsm| WovenRipstop

Fabric Name:	MACKINTOSH® SUPREME RIPSTOP
Model:	25B01008
Color:	Onyx
Denier:	210D*450D
Fabric Weight:	145gsm
Composition:	100% PP
Width:	60
Weave:	WovenRipstop
Application:	Camping & Backpacks: Backpacks, Gear
Warp:	210D FDY
Weft:	450D ATY



Product Characteristics

Test Description	Protocol	Results
Dimensional Stability to Washing	ISO 3759-2011	TBD
Abrasion Resistance	ISO 12947-2	TBD
Pilling Resistance	ASTM D4970 ISO 12945-2	TBD TBD
Tear Strength Warp/Weft	ASTM D2261	TBD
Color Fastness to Washing	ISO105-C06	4<>5
Color Fastness to Rubbing	ISO105-X12	TBD
Color Fastness to Light	ISO105-B02	7-8 (800 hours)
Rain Test	AATCC 35	N/A
Spray Test	AATCC 22	90<>100
Water Repellency	ISO 4920	5
Water Repellency After Wash	ISO 9865/6330	TBD
Hydrostatic Head Pressure (Before/After Wash)	AATCC 127	TBD TBD
Hydrostatic Head Pressure (Before/After Wash)	JIS L 1092	TBD TBD
Bundesmann Average Water Absorption	ISO 9865	N/A
Bundesmann Average Visual Grade	ISO 9865	N/A
Bundesmann Wetting to Underside	ISO 9865	N/A
Bundesmann Average Penetration	ISO 9865	N/A

HIGG MSI			CO2 Emissions (CO2e/kg	TBD
Global Warming	Eutrophication	Water Scarcity	Resource Depletion	Chemistry
TBD	TBD	TBD	TBD	TBD