

A626

TECHNICAL SPECIFICATIONS

MATERIAL			
BASE FABRIC WEIGHT	200 GSM		
FIBER / DENSITY	3k CARBON		
WEAVE STYLE	2 X 2 Twill Spread Tow		
TEXTURE	Flat Surface		
FINISH	Semi-Matte Finish		
WEIGHT	12.35 oz/yd ²	419 GSM	
THICKNESS	0.016 in	0.41 mm	ASTM D1777
ABRASION RESISTANCE			
TABER CS-10	20000 Cycles		ASTM D3884
BREAKING STRENGTH			
WARP	649 lb/in	73 Nm	ASTM D751-A
FILL	660 lb/in	75 Nm	ASTM D751-A
45°	757 lb/in	86 Nm	ASTM D751-A
TENSILE STRENGTH			
WARP	703 lbf	3128 N	ASTM D751-B
FILL	701 lbf	3120 N	ASTM D751-B
45°	123 lbf	549 N	ASTM D751-B
TENSILE STRENGTH			
WARP	45925 PSI	316644 kPa	ASTM D751-B
FILL	43598 PSI	300599 kPa	ASTM D751-B
45°	7912 PSI	54549 kPa	ASTM D751-B
FLEXURAL PROPERTIES			
TOP	8439 mg-cm		BIS IS-6490-1971
BOTTOM	8341 mg-cm		BIS IS-6490-1971
ELONGATION			
WARP	6 %		ASTM D751-B
FILL	7 %		ASTM D751-B
45°	52 %		ASTM D751-B