

BITUTEX 160 GSM

Needle Punched Polyester

TECHNICAL SPECIFICATIONS

MADE OUT OF VIRGIN POLYESTER FIBERS MECHANICALLY BONDED BY NEEDLE PUNCHING & THERMALLY STABILISED TO ENSURE A DIMENSIONALLY STABLE NETWORK.

TECHNICAL CHARACTERESTICS	TEST METHOD	UNIT	VALUE
MASS PER UNIT AREA*	ASTM D 5261	G/M ²	160
THICKNESS (UNDER 2KN/M ²)	ASTM D 5199	MM	2.0
TENSILE STRENGTH (MD/CD)	EN 29073-3	N/5CM	330/550
ELONGATION (MD/CD)	EN 29073-3	%	>60
GRAB STRENGTH (MD/CD)	ASTM D 4632	N	360/550
GRAB ELONGATION (MD/CD)	ASTM D 4632	%	>70
TRAPAZOID TEARING (MD/CD)	ASTM D 4533	N	160/220
MULLEN BURST	ASTM D 3786	PSI	220
PUNCTURE STRENGTH	ASTM D 4833	N	300
CBR PUNCTURE	BS 6906 PART 4	N	1600
CONE DROP TEST	BS 6906 PART 6	MM	20
PERMEABILITY "K"	ASTM D 4491	CM/SEC	0.25
PERMITTIVITY	ASTM D 4491	S ⁻¹	1.3
FLOW RATE 100 MM HEAD	BS 6906 PART 3	L/M ² /S	160
TRANSMISSIVITY (2KN/M ²)	ASTM D 4716	10 ⁻⁶ xM ² /S	42
FLOW RATE (IN-PLANE/2KN/M ²)	ASTM D 4716	L/M/H	150
A.O.S (095)	ASTM D 4751	MICRON	75
FABRIC COLOR	WHITE		
ROLL SIZE (WIDTH x LENGTH)	3.0 M x 100 M		
PAPER CORE SIZE (WIDTH x ID x WALL THICKNESS)	3000 MM x 70 MM x 4 MM		
PACKING	HDPE WRAP		
NOTES: 1.) Values reported in this specification sheet are typical average values obtained in our laboratory and independent testing laboratories. 2.) Due to continuous developments, specifications are subject to change without notice.			