

# BITUTEX 80 GSM

Nonwoven Polyester

## TECHNICAL SPECIFICATIONS

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

TECHNICAL CHARACTERISTICS	TEST METHOD	UNIT	VALUE
MASS PER UNIT AREA*	ASTM D 5261	G/M <sup>2</sup>	80
THICKNESS (UNDER 2KN/M <sup>2</sup> )**	ASTM D 5199	MM	1.2
TENSILE STRENGTH (MD/CD)*	EN 29073-3	N/5CM	130/150
ELONGATION (MD/CD)	EN 29073-3	%	>60/>70
GRAB STRENGTH (MD/CD)*	ASTM D 4632	N	150/170
GRAB ELONGATION (MD/CD)	ASTM D 4632	%	>70/>80
TRAPAZOID TEARING (MD/CD)*	ASTM D 4533	N	80/100
MULLEN BURST*	ASTM D 3786	PSI	120
CBR PUNCTURE*	BS 6906 PART 4	N	580
CONE DROP TEST**	BS 6906 PART 6	MM	32
PERMEABILITY "K" ***	ASTM D 4491	CM/SEC	0.35
PERMITTIVITY ***	ASTM D 4491	S <sup>-1</sup>	2.5
FLOW RATE 100 MM HEAD ***	BS 6906 PART 3	L/M <sup>2</sup> /S	250
TRANSMISSIVITY(2KN/M <sup>2</sup> ) ***	ASTM D 4716	10 <sup>-6</sup> XM <sup>2</sup> /S	25
FLOW RATE(IN-PLANE/2KN/M <sup>2</sup> )	ASTM D 4716	L/M/H	80
A.O.S.(095)	ASTM D 4751	MICRON	106
Tolerance : * +/- 10% ** +/- 15% *** +/- 30%			
FABRIC COLOR	WHITE		
ROLL SIZE (WIDTH x LENGTH)	3.0 M x 100 M		
PAPER CORE SIZE	3000 MM x 70 MM x 4 MM		
PACKING	HDPE WRAP		
<p><b>NOTES:</b></p> <p>1.) Values reported in this specification sheet are typical average values obtained in our laboratory and independent testing laboratories.</p> <p>2.) Available in various length depending upon fabric thickness.</p> <p>3.) In our state-of-the-art process and technology, technical characteristics can be tailored according to the requirements.</p> <p>2.) Due to continuous developments, specifications are subject to change without notice.</p>			