

NONWOVEN GEOTEXTILES

PRODUCT DATA

PROPERTIES	TEST METHOD	UNIT	TX-70	TX-80	TX-90	TX-110	TX-170	TX-200	TX-300	TX-400	TX-800	TX-1600	TX-2000	
PHYSICAL														
Grab Tensile Strength	TYPICAL	CAN/ONGC-148.1 No. 7.3 - ASTM D 4632	N	430	500	590	750	855	950	1150	1350	1650	2850	3500
	MINIMUM			400	450	530	670	755	875	1050	1200	1450	2500	3300
Grab Tensile Elongation		CAN/ONGC-148.1 No. 7.3 - ASTM D 4632	%	40-100	40-100	40-100	40-100	40-100	50-110	50-110	50-110	50-110	60-120	50-110
Trapezoid Tear	TYPICAL	CAN/ONGC-4.2 No. 12.2 - ASTM D 4533	N	220	230	275	370	385	455	500	550	700	1300	1500
	MINIMUM			185	210	235	310	325	360	425	490	600	1050	1350
Mullen Burst	TYPICAL	CAN/ONGC-4.2 No. 11.1 - ASTM D 3786	kPa	1350	1500	1800	2275	2500	2600	3050	3500	3950	7350	10 350
	MINIMUM			1150	1350	1550	2050	2250	2400	2800	3150	3500	3500	7000
Thickness		CAN/ONGC-148.1 No. 3-M85 - ASTM D 5199	mm	0,9	1,0	1,1	2,3	1,4	1,7	2,6	2,8	3,2	5,8	7,2
HYDRAULIC														
Permeability		CAN/ONGC-148.1 No. 4 - ASTM D 4491	10 ⁻¹ cm/sec	1,5	1,4	1,3	2,5	1,1	1,1	2,4	1,9	2,5	1,6	1,3
Filtration Opening Size		CAN/ONGC-148.1 No. 10 - ASTM D 4751	microns	100-130	90-120	75-105	70-100	50-100	50-100	50-100	50-90	50-90	40-80	50-80
STANDARD DIMENSION														
Roll Width			m	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5
Roll Length			m	150	150	150	100	100	100	100	100	100	50	50
CONSTRUCTION														
Type of fiber	POLYPROPYLENE / POLYESTER													
Type of construction	NEEDLEPUNCHED NONWOVEN													

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