SOLENO
MASTERING WATER SUSTAINABLY

Properties	OPSS 1860 Product Specifications	PHYSICAL		MECHANICAL				HYDRAULIC				DURABILITY	DIMENSIONS		CONSTRUCTION	
		Thickness	Mass Per Unit Area	Tensile Strenght	Elongation At Break	Tear Strenght	CBR Puncture Resistence	Flow Rate	Permittivity	Apparent Opening Size (AOS)		UV Resistance (500 h)	Standard Width	Standard Lenght	Fiber Type	Construction Type
Test Method		ASTM D5199	ASTM D5261	ASTM D4632 (1)		ASTM D4533 (2)	ASTM D6241	ASTM D4491	ASTM D4491	CAN 148.1 No 10		ASTM D4355				
Unit		mm	g/m^2	N	%	N	N	l/min/m2	s^{-1}	µm		%	m	m		
Value										Min	Max					
TX-70	Class I	≥ 0,8	N/A	≥ 445	≥ 50	≥ 180	≥ 1320	≥ 6095	≥ 2,05	75	150	≥ 70	3,81	110	POLYPROPYLENE	NONWOVEN
TX-80		≥ 1,0	N/A	≥ 470	≥ 50	≥ 222	≥ 1510	N/A	≥ 2,00	70	130	≥ 70	3,5	150		
TX-110		≥ 1,3	N/A	≥ 712	≥ 50	≥ 325	≥ 1825	≥ 4480	≥ 1,50	70	115	≥ 70	3,81	100		
TX-170	Class II	≥ 1,2	N/A	≥ 810	≥ 50	≥ 333	≥ 2120	≥ 4000	≥ 1,40	45	150	≥ 70	3,81	100		
TX-200		≥ 1,4	N/A	≥ 911	≥ 50	≥ 360	≥ 2380	≥ 4000	≥ 1,30	50	100	≥ 70	3,81	100		
TX-400		≥ 2,8	N/A	≥ 1334	≥ 50	≥ 511	≥ 3780	N/A	≥ 1,00	50	90	≥ 70	3,81	100		
TX-1600		≥ 5,8	N/A	≥ 2500	≥ 50	≥ 1050	≥ 8300	N/A	≥ 0,27	40	70	≥ 70	3,81	50		
2002W	Class I	N/A	N/A	890	15	330	3113	204	0,05	N/A		70	3,81	131		WOVEN
2004W	Class II	N/A	N/A	1113	15	400	3338	163	0,05	N/A		70	3,81	110		
2006W		N/A	N/A	1402	15	503	4005	244	0,08	N/A		70	3,81	110		

Note 1: For TX-80 and TX-1600, the tensile strenght and elongation are with CAN 148.1 No 7.3

Note 2: For TX-80 and TX-1600, the tear strenght is with CAN 4.1 No 12.2