

Product / Test method			Seiden Crystal 0,1 mm 3S		Seiden Crystal 0,3 mm 4S		Seiden Crystal 0,5 mm 5S		Seiden Crystal 1 mm 6S		Seiden Crystal 2 mm 6S		Test Method		
Width [m]			183		137 / 183		137		137		137				
Length [m]			50		30		20		10		10				
Medium Items	Verification Items		MD	TD	MD	TD	MD	TD	MD	TD	MD	TD			
Thickness	Dial Gauge	[mm]	0,1		0,3		0,50		1,00		2,00		Based on JIS K 6732 (The average of 3 pieces)		
100% Modulus		[N/cm]	9,6	13,4	40,4	36,3	47	43,5	86,9	76,6	152,3	137,6			
Tensile Strength		[N/cm]	21,5	26,4	90,6	80,6	125,1	125,1	222,7	209,6	389,4	363			
Elongation		[%]	323	248	305	330	335	354	330	362	333	344			
Tear Strength		[N]	5,70	5,00	23,50	21,70	31,40	30,60	61,30	58,70	126,20	120,70			
Total Light Transmittance		[%]	91,10		90,40		89,50		87,80		84,20				
Electrical	Surface Resistivity [Ω]		Top		5.4×10 ⁹		3.3×10 ⁹		3.0×10 ⁹		1.9×10 ⁹		1.8×10 ⁹		Based on JIS C 2170 Tester: PRS-801 made by PROSTAT
			Bottom		5.1×10 ⁹		3.2×10 ⁹		3.0×10 ⁹		1.6×10 ⁹		2.6×10 ⁹		
	Volume Resistivity		[Ωcm]	5.5×10 ¹⁰		2.0×10 ¹⁰		8.8×10 ⁹		2.9×10 ⁹		2.2×10 ⁹			
Static Decay Time		[±5kv→50v]	0,84	0,86	0,25	0,25	0,11	0,10	0,03	0,03	0,02	0,02	FTMS 101 C-4046 (MIL B-81705B) Static Decay Meter		
F/R	Oxygen Index		24,00		26,00		27,00		27,00		28,00				
			Complies with requirements of Art.4.3 of Order for Enforcement of the Fire Defense Law of Japan.												

M.D. = MACHINE DIRECTION; T.D. = TRANSVERSE DIRECTION

*Information stated on this data sheet is to best of our knowledge true and reliable but cannot be guaranteed.

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