

# Physical Property Table

		Thick-ness (μm)	Weight (g/m <sup>2</sup> )	Density (g/cm <sup>3</sup> )	White-ness (%)	Opacity (%)	Gloss (%)	Tensile strength (kN/m)		Stretch (%)		Tear strength (mN)		Clark rigidity s-v value		Bursting strength (kPa)	Surface resistivity (Ω)	Fold resistance (number of folds)
							Front/Back	MD	CD	MD	CD	MD	CD	MD	CD			
FEB	95	95	73.2	0.77	98	96	52	5	13	115	29	300	180	39	65	900	9×10 <sup>11</sup> >	105<
	110	110	84.7	0.77	98	96	51	6	14	121	27	380	230	50	85	990	9×10 <sup>11</sup> >	105<
	130	130	100.1	0.77	98	97	51	7	17	121	27	500	290	65	118	1,170	9×10 <sup>11</sup> >	105<
	150	150	115.5	0.77	98	98	50	7	20	125	27	610	350	81	150	1,350	9×10 <sup>11</sup> >	105<
	200	200	158.0	0.79	98	99	48	9	26	125	26	990	450	129	247	1,730	9×10 <sup>11</sup> >	105<
	250	250	200.0	0.80	98	99	46	12	33	134	26	1,430	670	196	403	2,140	9×10 <sup>11</sup> >	105<
	300	300	252.0	0.84	98	99	46	12	40	102	28	3,320	830	301	571	2,472	9×10 <sup>11</sup> >	105<
FRB	110	110	88	0.8	97	96	53/22	4	14	91	26	360	200	48	80	1,090	9×10 <sup>11</sup> >	105<
	130	130	102.7	0.79	97	97	53/22	5	16	93	24	450	230	64	111	1,280	9×10 <sup>11</sup> >	105<
FRR	70	70	56.7	0.82	98	90	51/21	3	9	110	31	222	124	21	34	689	Front: 9×10 <sup>11</sup> > Back: 9×10 <sup>12</sup> >	105<
FGS	60	65	51.4	0.79	96	87	18	3	6	99	25	160	110	14	19	690	9×10 <sup>11</sup> >	105<
	80	80	61.6	0.77	96	90	19	4	10	106	32	210	140	20	29	880	9×10 <sup>11</sup> >	105<
	95	95	73.2	0.77	96	93	19	5	12	112	28	270	180	27	42	1,080	9×10 <sup>11</sup> >	105<
	110	110	84.7	0.77	96	94	19	6	14	115	28	340	220	35	59	1,180	9×10 <sup>11</sup> >	105<
	130	130	100.1	0.77	96	95	19	7	17	118	30	450	260	57	93	1,370	9×10 <sup>11</sup> >	105<
	150	150	115.5	0.77	96	96	19	8	20	119	27	570	300	74	132	1,470	9×10 <sup>11</sup> >	105<
	200	200	158	0.79	96	98	20	10	29	128	30	930	450	126	236	1,860	9×10 <sup>11</sup> >	105<
	250	250	200	0.8	96	99	20	10	32	147	30	1,380	590	215	368	2,060	9×10 <sup>11</sup> >	105<
	300	300	234	0.78	96	99	20	11	34	125	27	1,720	720	291	513	2,160	9×10 <sup>11</sup> >	105<
FPG	60	60	47.4	0.79	96	87	16	3	9	96	23	170	90	11	23	690	9×10 <sup>11</sup> >	105<
	80	80	61.6	0.77	96	90	17	4	12	110	24	240	140	21	43	880	9×10 <sup>11</sup> >	105<
	95	95	73.2	0.77	96	92	17	5	14	114	25	290	170	31	59	1,070	9×10 <sup>11</sup> >	105<
	110	110	84.7	0.77	96	94	17	6	16	115	26	370	210	39	77	1,180	9×10 <sup>11</sup> >	105<
	130	130	100.1	0.77	96	95	17	7	18	121	26	470	250	57	110	1,370	9×10 <sup>11</sup> >	105<
	150	150	115.5	0.77	96	96	17	8	21	123	25	590	310	76	142	1,570	9×10 <sup>11</sup> >	105<
	200	200	158	0.79	96	98	16	11	29	127	25	940	450	128	261	1,960	9×10 <sup>11</sup> >	105<
	250	250	200	0.8	96	99	15	11	33	148	28	1,410	590	214	389	2,160	9×10 <sup>11</sup> >	105<
	300	300	234	0.78	96	99	15	12	36	130	26	1,760	740	283	565	2,250	9×10 <sup>11</sup> >	105<
TPRA	60	60	60.6	1.02	91	30	12	4	9	173	43	230	140	13	17	880	9×10 <sup>11</sup> >	105<
	90	90	91.8	1.02	91	39	14	6	14	166	38	380	230	30	42	1,180	9×10 <sup>11</sup> >	105<
BLR	150	150	153	1.02	92	63	14/14	11	27	181	33	880	480	82	132	1,960	9×10 <sup>11</sup> >	105<
KPK	80	80	81.6	1.02	93	71	13	4	12	176	36	370	180	24	36	1,080	9×10 <sup>11</sup> >	105<
	170	170	170	1	93	90	14	9	27	208	35	1,130	480	116	176	1,760	9×10 <sup>11</sup> >	105<
KAS	200	200	194	0.97	93	94	13	10	30	179	36	1,390	560	172	265	1,960	9×10 <sup>11</sup> >	105<
SGS	60	60	48.6	0.81	96	85	21/52	3	10	98	21	190	110	12	27	780	9×10 <sup>11</sup> >	105<
	80	80	66.4	0.83	96	89	22/50	4	14	111	21	280	160	19	45	980	9×10 <sup>11</sup> >	105<
	110	110	91.3	0.83	96	92	22/49	6	20	123	21	460	220	34	86	1,370	9×10 <sup>11</sup> >	105<
GFG	110	110	86.9	0.79	96	93	91/17	6	18	112	21	400	220	40	90	1,370	9×10 <sup>11</sup> >	105<
WNF	135	134	101.2	0.75	96	90	5.17	9	16	51	23	6,460	5,290	44	59	1,470	9×10 <sup>11</sup> >	105<

WSF	110	107	70	0.65	96	88	10.16	4	8	80	18	830	892	13	23	880	9×1011>	105<
	160	159	104	0.65	95	94	10.17	7	16	125	21	1,650	1,670	33	72	980	9×1011>	105<
WFP	500	500	410	0.82	95	100	15	21	52	185	17	4,080	1,820	300<	300<	3,720	9×1011>	105<
QJJ	350	350	340	0.97	95	97	20	11	23	81	21	**36N	**41N	300<	300<	1,960	9×1011>	-
	400	400	390	0.98	95	97	20	12	24	74	22	**44N	**50N	300<	300<	1,960	9×1011>	-
	500	500	494	0.99	95	98	19	14	27	39	22	**60N	**66N	300<	300<	1,960	9×1011>	-
Measuring method	JIS P8118	JIS P8124	JIS P8124	JIS L1015	JIS P8138	JIS P8142	JIS K7127	JIS K7127	JIS K7127	JIS K7127	JIS P8116 ** was measured with JIS K6732	JIS P8116 ** was measured with JIS K6732	JIS P8143	JIS P8143	JIS P8131	JIS K6911	JIS P8115	

Note: These values are representative examples of in-house measurements and are not guaranteed values. Changes may occur without notice as a result of quality improvements.