



Product designation					Compression		Plate Shear							
					bare		L-direction				W-direction			
cell size		density kg/m ³	(μm)	strength		strength		modulus		strength		modulus		
mm				MPa	MPa	MPa	MPa	MPa	MPa	MPa	MPa	MPa	MPa	
				min	typ	min	typ	min	typ	min	typ	min	typ	
ECK	3.2	-	40	(36)	1.40	1.83	1.25	1.41	80	121	0.70	0.86	40	62
ECK	3.2	-	48	(36)	2.20	2.75	1.50	1.74	90	119	0.90	1.08	55	66
ECK	3.2	-	48	(46)	1.90	2.41	1.70	1.95	110	172	0.95	1.18	65	73
ECK	3.2	-	64	(36)	4.30	5.17	2.15	2.52	115	128	1.10	1.83	60	70
ECK	3.2	-	72	(46)	4.55	5.59	2.45	2.92	135	183	1.46	1.79	90	108
ECK	3.2	-	96	(46)	6.50	9.39	3.00	3.55	150	188	1.90	2.24	95	118
ECK	4.0	-	72	(46)	5.25	6.53	2.50	2.91	140	172	1.35	1.58	70	96
ECK	4.0	-	96	(71)	7.60	9.17	3.45	4.11	195	264	1.95	2.28	90	120
ECK	4.8	-	28	(36)	0.80	1.03	0.70	0.82	50	69	0.40	0.52	25	36
ECK	4.8	-	32	(36)	0.95	1.43	0.80	0.99	60	71	0.52	0.60	25	40
ECK	4.8	-	37	(36)	1.55	1.99	0.90	1.10	60	67	0.62	0.78	35	44
ECK	4.8	-	48	(46)	2.45	3.02	1.50	1.75	90	112	0.87	1.06	50	69
ECK	4.8	-	144	(99)	13.40	17.50	4.35	5.60	210	330	2.50	3.70	135	195
ECK-R	4.8	-	32	(36)	0.87	1.27	0.40	0.51	25	36	0.52	0.68	46	56
ECK-R	4.8	-	32	(46)	0.47	1.17	0.37	0.68	36	59	0.45	0.67	41	70
ECK-R	4.8	-	48	(46)	1.84	2.69	0.87	1.23	41	64	0.95	1.22	59	90
ECK-R	4.8	-	64	(46)	3.21	4.21	1.37	1.79	46	70	1.44	1.77	77	110
ECK-R	4.8	-	80	(46)	5.00	7.00	1.50	1.80	55	75	2.1	2.2	115	120
ECK-R	4.8	-	96	(46)		10.60		1.7		74		2.6		167
ECK-HR	4.8	-	48	(46)	2.45	2.5	1.13	1.2	71	83	0.95	0.96	72	76
ECK-HR	4.8	-	64	(46)	4.4	4.6	2.1	2.2	80	100	1.7	1.7	80	103

This table presents guarantee values of ECK honeycomb produced with DuPont® N636 paper and obtained from testing specimens of 12.7mm thickness at RT. Data is based on results gained from experience and tests and is believed to be accurate yet without acceptance of liability for loss or damage incurred and attributable to reliance thereon as conditions of use lie outside our control.

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