

Product designation				Compression		Plate Shear								
				bare		L-direction				W-direction				
cell size		density kg/m <sup>3</sup>	(μm)	strength MPa		strength MPa		modulus MPa		strength MPa		modulus MPa		
mm				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

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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