

Product designation			Compression				Plate Shear								
			bare				L-direction				W-direction				
cell size-density		mm	kg/m ³	strength		modulus		strength		modulus		strength		modulus	
inch	PCF			MPa		MPa		MPa		MPa		MPa		MPa	
				min	ave	min	ave	min	ave	min	ave	min	ave	min	ave
ECG	4,8	64	3,32	4,15	221	315	1,45	1,80	70	100	0,88	1,10	35	50	
ECG	4,8	72	4,00	5,00	294	420	1,68	2,10	84	120	1,04	1,30	46	65	
ECG	4,8	88	5,18	6,00	367	524	2,55	2,85	107	140	1,32	1,55	53	75	
ECG	4,8	96	6,16	7,70	434	620	2,88	3,60	123	175	1,68	2,10	70	100	
ECG	4,8	124	8,80	11,00	609	870	3,80	4,75	168	240	2,56	3,20	95	135	
ECG	4,8	128	9,20	11,50	636	908	4,14	4,90	179	250	2,64	3,30	98	140	
ECG	4,8	144	10,80	13,50	735	1.050	4,40	5,50	196	280	2,96	3,70	112	160	
ECG	4,8	192	15,60	19,50	1.005	1.435	5,87	7,00	260	380	3,93	4,70	147	210	
ECG	9,6	72	3,80	4,15	475	620	2,30	2,70	80	105	1,50	1,90	60	80	
ECG	9,6	96	6,25	7,60	760	990	3,30	4,10	111	130	2,20	2,60	75	95	
cell size-density		inch	PCF	strength		modulus		strength		modulus		strength		modulus	
				Psi		Ksi		Psi		Ksi		Psi		Ksi	
				min	ave	min	ave	min	ave	min	ave	min	ave	min	ave
ECG	3/16	4,0	481	601	32	46	210	261	10	14	128	159	5	7	
ECG	3/16	4,5	580	725	43	61	243	304	12	17	151	188	7	9	
ECG	3/16	5,5	750	870	53	76	370	413	16	20	191	225	8	11	
ECG	3/16	6,0	893	1116	63	90	417	522	18	25	243	304	10	14	
ECG	3/16	7,8	1275	1594	88	126	551	688	24	35	371	464	14	20	
ECG	3/16	8,0	1333	1667	92	132	600	710	26	36	383	478	14	20	
ECG	3/16	9,0	1565	1957	107	152	638	797	28	41	429	536	16	23	
ECG	3/16	12,0	2261	2826	146	208	851	1014	38	55	570	681	21	30	
ECG	3/8	4,5	551	601	69	90	333	391	12	15	217	275	9	12	
ECG	3/8	6,0	906	1101	110	143	478	594	16	19	319	377	11	14	

This table presents mechanical values of ECG honeycomb produced with glassfibre fabrics
 The technical data are 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. We reserve the right for technical changes without further notice.