

**Valori tipici del nido d'ape in alluminio
Leghe 5052 – 5056 - 3003**

Tipo				Bare Compression		Plate Shear		Plate Shear		Crush PSI
Lega	Cella inch	Foglio inch	Peso PCF	Strength PSI	Mod. KSI	Strength PSI "L" direc	Strength PSI "W" direc	Mod. KSI "L" direc	Mod. KSI "W" direc	
5052	1/8	.0007	3.1	270	75	210	130	45	22	130
5052	1/8	.001	4.5	520	150	340	220	70	31	260
5052	1/8	.0015	6.1	870	240	505	320	98	41	450
5052	1/8	.002	8.1	1400	350	725	455	135	54	750
5052	1/8	.003	10.0	2000	-	960	530	175	65	820
5052	3/16	.0007	2.0	150	34	110	60	80	46	60
5052	3/16	.001	3.1	270	75	210	125	45	22	130
5052	3/16	.0015	4.4	510	145	330	215	68	30	250
5052	1/4	.001	2.3	175	45	140	85	32	16	75
5052	1/4	.002	4.2	490	140	320	200	66	29	230
5052	1/4	.0025	5.2	680	190	410	265	82	35	335
5056	1/8	.001	4.5	620	185	440	255	70	28	320
5056	3/16	.001	3.1	380	97	265	150	45	20	170
5056	3/16	.0015	4.4	620	180	425	245	68	27	310
3003	1/4	.003	5.2	610	148	345	215	63	31	245
3003	1/4	.002	4.2	440	110	305	178	57	28	165
3003	3/8	.003	3.6	325	92	200	130	40	20	120
3003	3/8	.002	2.7	220	58	165	110	35	17	80
3003	1/2	.003	2.4	165	40	125	70	25	15	60
3003	2/3	.003	2.1	125	28	95	60	18	10	50
3003	3/4	.003	1.8	110	24	85	55	16	8	45

I dati sopracitati sono indicativi

Denominazione tipologia Nido d'ape in lega di alluminio

Lega - Cella - Foglio - Peso

Lega: tipo di lega di alluminio usata

Cella: chiave dell'esagono espressa in pollici - es: 1/8 inch = (1/8 x 25,4) = 3,175 mm

Foglio: spessore del nastro in pollici - es: .001 inch = (.001 x 25,4) = 0,0254mm

Peso: densità espressa in libbre a piede cubo - es: 3,1 pcf = (3,1 x 16) = 49,6 kg / m