



CORMASTER C1

Technical data



| CORMASTER TYPE | | Compressive strength (MPa) | | Shear strength (MPa) | | Shear modulus (MPa) | |
|---|----------|----------------------------|------------|----------------------|------|---------------------|-------|
| | | bare | stabilized | L | W | L | W |
| HEXAGONAL CONFIGURATION | | | | | | | |
|  | C1 - 3,2 | - 29 | 0,6 | 0,75 | 0,45 | 0,3 | 15,0 |
| | - 48 | 1,8 | 2,1 | 1,35 | 0,8 | 42,0 | 25,0 |
| | - 56 | 1,9 | 2,55 | 1,45 | 0,9 | 46,0 | 27,0 |
| | - 64 | 3,1 | 3,4 | 1,75 | 1,0 | 55,0 | 35,0 |
| | - 80 | 4,4 | 4,9 | 1,95 | 1,08 | 62,0 | 35,0 |
| | - 96 | 5,9 | 6,4 | 2,15 | 1,2 | 77,6 | 45,0 |
| | - 123 | 9,9 | 10,0 | 3,0 | 2,0 | 95,0 | 65,0 |
| | - 128 | 8,3 | 9,2 | 3,1 | 2,0 | 107,0 | 51,0 |
| | - 144 | 10,5 | 11,9 | 3,1 | 2,2 | 108,0 | 58,7 |
| C1 - 4,0 | | - 123 | 7,5 | 8,0 | 3,0 | 1,9 | 100,0 |
| C1 - 4,8 | - 32 | 0,8 | 0,9 | 0,6 | 0,35 | 20,0 | 14,0 |
| | - 48 | 2,0 | 2,3 | 1,25 | 0,6 | 41,0 | 25,0 |
| | - 56 | 2,2 | 2,5 | 1,3 | 0,65 | 45,0 | 29,0 |
| | - 64 | 3,0 | 3,5 | 1,8 | 0,95 | 55,0 | 30,0 |
| | - 96 | 6,5 | 7,0 | 2,6 | 1,45 | 82,0 | 40,0 |
| C1 - 6,4 | - 24 | 0,4 | 0,45 | 0,35 | 0,23 | 13,5 | 9,0 |
| | - 32 | 0,65 | 0,8 | 0,55 | 0,35 | 19,0 | 14,0 |
| | - 50 | 2,1 | 2,3 | 1,2 | 0,59 | 41,4 | 17,7 |
| | - 64 | 3,2 | 3,5 | 1,5 | 0,8 | 51,0 | 25,0 |
| | - 80 | 3,5 | 3,9 | 1,9 | 1,05 | 53,85 | 29,5 |
| C1 - 9,5 | - 24 | 0,4 | 0,47 | 0,34 | 0,22 | 13,3 | 9,63 |
| | - 32 | 0,68 | 0,77 | 0,65 | 0,32 | 16,3 | 13,4 |
| | - 48 | 1,3 | 1,57 | 0,82 | 0,4 | 28,8 | 18,5 |
| OVEREXPANDED CONFIGURATION | | | | | | | |
|  | C1 - 4,8 | - 29 OX | 0,6 | 0,68 | 0,45 | 0,32 | 9,5 |
| | - 48 OX | 2,5 | 2,7 | 0,79 | 0,79 | 30,0 | 30,0 |
| | | | | | | | |
| C1 - 6,4 | - 48 OX | 1,8 | 2,0 | 0,74 | 0,74 | 18,0 | 25,0 |
| | - 56 OX | 2,0 | 2,3 | 0,9 | 0,9 | 21,0 | 32,0 |

To submit an offer we need the CORMASTER type with cell size and density together with the dimensions (width, length and thickness) of the required honeycomb product. Please notice, that it is very important to consider the different properties for L- and W-Shear. Do not hesitate to contact us, if you have particular requirements.

| C1 - 6,4 | - 24 |
|---|------------------|
| meta-aramid C1 paper sheets coated with resin | Cell size in mm |
| | Density in kg/m³ |



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