

PVC Foam Core Board

| TEST STANDARDS | | Units (Imperial) | VALUES |
|---------------------------|--------------|---------------------|----------|
| Density | ASTM C271 | Lbs. / cu.ft | 28 |
| Compressive Strength | ASTM D1621 | psi | 847 |
| Compressive Modulus | ASTM D1621-B | psi | 423 |
| Tensile Strength | ASTM C297 | psi | 481 |
| Shear Strength | ASTM C273 | psi | 445 |
| Shear Modulus | ASTM C273 | psi | 5519 |
| Shear Elongation at Break | ISO 1922 | % | 1.404 |
| Flexural Strength | ASTM D790 | psi | 1799 |
| Peel Strength | ASTM D1062 | Lbs./in | 1706 |
| Screw Torque | | in/Lbs. | 20.2 |
| Screw Pull | | Lbs. | 226.2 |
| Standard Sheet | Length | inch | 96 |
| | Width | inch | 48 |
| | Thickness | inch | 1/4 to 2 |

Values shown are nominal average determined from independent laboratory and house testing. Tests are perpendicular to the plane.

| | |
|-------------------------|-----------|
| Processing temperature: | < 200 °F |
| Water Absorption: | < 1% |
| Density Tolerance: | + / - 10% |
| Color: | White |



| TEST STANDARDS | | Units (metric) | VALUES |
|---------------------------|--------------|----------------------|---------------|
| Density | ASTM C271 | Kg. / m ³ | 450 |
| Compressive Strength | ASTM D1621 | MPa | 5,84 |
| Compressive Modulus | ASTM D1621-B | MPa | 2,92 |
| Tensile Strength | ASTM C297 | MPa | 3,32 |
| Shear Strength | ASTM C273 | MPa | 3,07 |
| Shear Modulus | ASTM C273 | MPa | 38,05 |
| Shear Elongation at Break | ISO 1922 | % | 1.404 |
| Flexural Strength | ASTM D790 | MPa | 12,40 |
| Peel Strength | ASTM D1062 | Kg./m | 11,76 |
| Screw Torque | | N·m | 2,28 |
| Screw Pull | | Kg. | 102,60 |
| Standard Sheet | Length | mm | 2440 |
| | Width | mm | 1220 |
| | Thickness | mm | 6,35 to 50,80 |

Values shown are nominal average determined from independent laboratory and house testing. Tests are perpendicular to the plane.

| | |
|-------------------------|-----------|
| Processing temperature: | < 94 °C |
| Water Absorption: | < 1% |
| Density Tolerance: | + / - 10% |
| Color: | White |

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