

EPP Foam Properties

| Property | Test Method | |
|--|---------------------------------|------------|
| Average Density (lb/ft ³) | ASTM D-3575 | 1.5 |
| Compressive Strength (pcd) | | |
| @25% (psi) | ASTM-D-3575 | 6 |
| @50% (psi) | | 15 |
| @75% (psi) | | 40 |
| Tensile Strength (%) | | 22 |
| Tensile Elongation (lbs/in) | | 50 |
| Tear Strength (%) | | 12 |
| Comp Set @25% | | 2 |
| Comp Set @50% | | 6 |
| Buoyancy (pcf) | | 61 |
| Water Absorption (%) | | -1 |
| Thermal Conductivity: ((K) BTU-in/ft-hr-f) | | ASTM-C-177 |
| Thermal Resistance (®@70°F) | ASTM-C-178 | 4 |
| Servic Temp (F) | ASTM-D-3575 | 185 |
| Comp Creep (1000hr @ 1psi) | | n/a |
| Flammability (<4.0in/min) | FMVSS-302 | pass |
| Chemical Resist | Various non specific | pass |
| Fuel Immersion (<5% change in volume) | Coast Guard (CFD-770145) Fuel B | pass |

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