

PolyPlank® LEL



PolyPlank LEL is closed cell polyethylene foam which contains less than 10% LEL VOC meeting military and other low residual blowing agent specifications.

PolyPlank LEL is available in a variety of densities and formulations to provide the proper level of cushioning to protect against impact, vibrations and other potential hazards during the shipping or handling of military instruments.

Availability:

Densities:

- 2 lbs / cubic ft*
- 4 lbs / cubic ft
- 6 lbs / cubic ft
- 9 lbs / cubic ft

Color:

Charcoal black planks

Size:

2" x 24" x 108"

Other options include:

- Color variation, fire retardant and anti-static
- Also available in 2" x 48" x 108"

End-use applications

- Ammunition
- Instrumentation
- Weaponry
- Case Foam



PolyPlank[®] LEL

PolyPlank LEL is specifically designed to meet or exceed the stringent requirements for today's military applications: Commercial Item Description A-A-59136 for Cushioning Material, Packaging, Closed Cell Foam Plank.

| Physical Property | Specification | Test Method |
|--|---|----------------------------------|
| Color | Industry visually acceptable | CID-A-A-59136, para. 3.8 |
| Density | Type I – 2-to 9 pcf ± | ASTM D3575 - Suffix W - Method B |
| Compressive Strength | Type I – 4 –12 psi | ASTM D3575 - Suffix D |
| Compressive Set | Maximum 25% at 24 hours | ASTM D3575 - Suffix B |
| Water Absorption | Not greater than 0.1 psf | ASTM 3575- Suffix L |
| Constant Compressive Creep | Not greater than 10% loss | CID-A-A-59136, para. 3.10 |
| Electrostatic Decay | Not greater than 2 second decay time | EIA Standard 541, Appendix F |
| Surface Resistivity | Not less than 1.0×10^5 , but not greater than 1.0×10^{12} | EIA Standard 541, Section 4.3 |
| Dynamic Cushioning | Between upper and lower limits | ASTM D1596 |
| Flammable Blowing Agent Content | Below 10% lower explosive limit (LEL) | Internal Method |

Products Worth Protecting
Deserve Pregis