

Ex-Alloy 5100 – FDA

Ex-Tech Plastics' Ex-Alloy 5100 sheet conforms to FDA standards for food and medical packaging. With superior cold crack performance and excellent clarity, Ex-Alloy 5100 gives your products the appearance and durability needed to ensure product value and integrity.

| Ex-Tech Brand PVC Ex-Alloy 5100 | Value | Unit | Test Method |
|------------------------------------|--------------------|--------------------|----------------|
| General Properties | | | |
| Specific Gravity | 1.34 | gm/cm ³ | ASTM D 792 |
| Color | Blue Tint | | |
| Gloss (Gardner 20°) | 85 | | |
| Mechanical Properties | | | |
| Tensile Strength | 7000 | psi | ASTM D 638 |
| Elongation | 100 | % | ASTM D 638 |
| Elastic Modulus | 400,000 | psi | ASTM D 638 |
| Cold Impact | -35° | °C | ASTM D 1790 |
| Notched Izod | 2.69 | ft-lb/in. | SOP-MEC-002.01 |
| Thermal Properties | | | |
| Heat Distortion Temperature | 64° | °C | ASTM D 648 |
| Flammability | Self-extinguishing | | |

Ex-Tech Value-Added Services

- Custom colors
- Sheeting
- Slitting
- Laminating
- Coating
- Corona Treating
- Embossing
- Special Packaging Services
- Warehousing



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