

Rigid Vinyl Compound (COMPBL)

COMPBL is a rigid PVC with excellent impact strength and a higher density than a standard rigid PVC. This compound is designed for applications requiring the following properties:

- *Good Weatherability*
- *Gloss*
- *Impact Strength*
- *Toughness*
- *Flame Retardant*
- *UL and NSF 50/61 Listed*

Some uses include: Fence Cap, Pipe, Medical, and Food contact.

| Typical Properties | Nominal Value | ASTM Test Method |
|--|-------------------------------|------------------|
| Specific Gravity | 1.47 | D-792 |
| 1/8" Izod Impact, ft/lbs in notch | 15.0 | D-256 |
| Tensile Yield Strength, 10 ³ psi | 6.5 | D-638 |
| Tensile Modulus, 10 ⁵ psi | 3.8 | D-638 |
| Flexural Yield Strength, 10 ³ psi | 12.1 | D-790 |
| Flexural Modulus, 10 ⁵ psi | 4.0 | D-790 |
| DTUL @264 psi, °C | 72.2 | D-648 |
| Coefficient of Linear Thermal Expansion | 4.0x10 ⁻⁵ in/in °F | D-696 |
| Flame Class | V-0 @ 0.72mm | UL-94 |