

| Property | Value | Unit |
|---|---------------|----------------------|
| Specific gravity | 0.941 – 0.965 | g / cm ³ |
| Specific volume | 29.4 – 29.7 | in ³ / lb |
| Water absorption | < 0.01 | % |
| Tensile strength | 3,100 – 5,500 | psi |
| Elongation | 20 – 1,000 | % |
| Tensile modulus | 0.6 – 1.8 | 10 ⁵ psi |
| Flexural modulus | 1.0 – 2.0 | 10 ⁵ psi |
| Impact strength | 0.5 – 2.0 | ft-lb / in of notch |
| Hardness | 65 | Rockwell R |
| Coefficient of linear thermal expansion | 6.1 – 7.2 | In / in / ° F |

Features

- Abrasion resistant
- Moisture resistant
- Stain resistant
- Odor resistant
- Very durable
- Low coefficient of friction
- Chemical resistant
- FDA approved for use in food applications
- High impact strength and energy absorption
- Easily fabricated

Applications

- Playground equipment
- Hockey Rink applications
- Food Service
- Bathroom Partitions
- Marine applications
- Structural and Chemical Tank covers
- Tank, hopper, chute and Silo linings
- Valve and pump components
- Food processing facilities
- Machined Parts

800.832.6774