

PURE[®]

Technical Data

| Characteristics | Test Method | Unit of Measurement | Range of Values (Results) |
|----------------------------------------|------------------|-----------------------------------|------------------------------------|
| Density | ASTM C97 | g/cm ³ | 2.3 – 2.4 g/cm ³ |
| Flexural Strength (Modules Rupture) | ASTM C880 | MPa | 100-140 (Dry) 120-156 (Wet) |
| Water Absorption | ASTM C97 | % | 0.03 |
| Compressive Strength | ASTM C170 | MPa | 143-150 (Dry) 126-146 (Wet) |
| Coefficient of Thermal Expansion | ASTM C531 | Inch/°F | 2.3x10 ⁻⁵ |
| Barcol Hardness | ASTM D2583 | Index (0-100) | 87 |
| Abrasion Resistance | ASTM C501 | Wear Index | 95 Minimum |
| Gloss | Gloss Meter | % Incident light reflected at 60° | 45% Minimum |
| Breaking Strength | ASTM C648 | LBF | 4160 |
| Impact Resistance | ASTM D256 | J/M | 40 - 61 |
| Stain Resistance | ANSI Z124 | Pass/Fail | Pass |
| Wear & Cleanability | ANSI Z124 | Pass/Fail | Pass |
| Boiling Water Resistance | NEMA LD 3-3.5 | | No Effect |
| Flammability | ASTM E84 | | Class 1* |
| Color Fastness | ANSI Z124 | Pass/Fail | Pass |
| Moderate Chemical Resistance | ANSI Z124 | Pass/Fail | Pass |
| Surface Roughness | ISO 4287 | μM | 0.38-0.47 |
| Physical Weight | Weight | Lb./SF | 2cm=9.6 lb./SF 3cm=14.6 lb./SF |
| Maximum Allowable Unsupported Overhang | Weight | Inches | 2cm < 12 inches 3cm < 15 inches |

*Based on 2cm

Pure[®] Surfaces meet the requirements for Class A Flame Spread Index and Smoke Developed Index

Note: The values quoted above for Pure[®] Surfaces are the average range of values.