

Playboard HDPE

| Physical | |
|---|--------------------|
| Density (g/cm ³) | 0.960 + |
| Absorption | Max 0.01% |
| Hardness, Shore D | 69 |
| Mechanical | |
| Tensile Strength @ Yield (psi) | 4,600 |
| Flexural Modulus (psi) | 225,000 |
| Notched Izod Impact (ft-lb/in) | 120 |
| Elongation at Yield (%) | >600 |
| Thermal | |
| Vicat Softening Point (°C) | 129 |
| Heat Deflection Temperature @ 66 psi (°C) | 82 |
| Coefficient of Linear Thermal Expansion (In./In.°C) | 6x10 ⁻⁵ |
| Maximum Service Temperature, Air (°C) | 180°F |
| Low Temperature Brittleness F ₅₀ | <-76 |
| Melt Index (g/cm ³) | 0.8 |
| Flammability Ratings | |
| Flammability Rating | UL94 HB |



801 Corey Street, Scranton, PA 18505

Phone: 1.800.235.8320

Fax: 1.800.858.9266

Website: www.vycomplastics.com

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