

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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