

OUTSTANDING FROM STEM TO STERN

Explore the many ways polymers can help you innovate to meet evolving consumer demands and create thoughtfully designed paddlesports products that set your brand apart.

EXTREME PERFORMANCE

Waterproof Seals & Closures

SOLUTION: Thermoplastic Elastomers

DYNAMIC COMFORT

Durability, Customization, Shock Absorption

SOLUTION: Thermoplastic Elastomers

COLOR RESILIENCE

Excellent Adhesion to Substrates, Weatherability

SOLUTION: Plastisol Textile Inks

FUNCTIONALITY

High Stiffness, Structural Integrity, Metal Replacement

SOLUTION: Fiber Reinforced Composites, Thermoplastic Composite Tapes & Laminates

STRENGTH & FLEX

Excellent Dimensional Stability, High Stiffness, Impact Resistance

SOLUTION: Fiber Reinforced Composites, Thermoplastic Composite Tapes & Laminates

METAL REPLACEMENT

High Stiffness-to-Weight Ratio, Lightweighting, Buoyancy

SOLUTION: Continuous Filament Winding Technology

DURABILITY

Density, Stiffness, Strength

SOLUTION: Fiber Reinforced Composites, UV-Stabilized Polyethylene

TACTILE EXPERIENCE

Soft Touch, Slip Resistance

SOLUTION: Thermoplastic Elastomers

RESILIENCE

Weatherability, Longevity

SOLUTION: Specialty Engineered Polymer Formulations

AESTHETIC APPEAL

Custom Colors, Patterns & Tones

SOLUTION: Custom Polymer Colorants, Specialty Additives

SURFACE PROTECTION

Performance Enhancements, Chemical Resistance

SOLUTION: Scratch & Mar Resistance, UV Stable Additives

PolyOne[™]

For more on material solutions for outdoor equipment, visit polyone.com.