



Leaders in Lightweight Fillers,
Sands and Sand Alternatives



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Product Information

Modular Pods

Reduce Weight ~ Improve Efficiency ~ Increase Profit

The Opportunity

Modular pods are fully assembled, transported, and craned into place. This creates 3 key pressures:

- 1. Freight Costs:** Heavier pods = higher shipping cost per unit
- 2. Installation Efficiency:** Weight impacts crane time, labor, and safety
- 3. Structural Load:** Multi-story builds require careful weight management

Traditional sand adds unnecessary weight without adding proportional value

The Solution: Engineered Spex•Lite® System for Modular Pods

Spex•Lite® 9185

Engineered silica sand replacement for weight savings, better surface and safety
~70/100 mesh



Key Benefits

- ✓ **80% Weight Reduction vs Sand**
 - Reduce finished weight up to 33%
 - Ship more units per truck / decrease shipping costs
 - Lighter pods are easier to install
- ✓ **No Free Silica for Safer Workplace**
 - No free crystalline silica for safer manufacturing
 - Cleaner ESG / safety
 - Reduced liability, easier EHS management
- ✓ **Easy Incorporation for Better Consistency**
 - Blends and mixes in well with resins/binders
 - Fills voids efficiently for smooth, uniform surface
 - Shorter mix time, fewer defects, repeatable product

Spex•Lite® WQZ #331

High purity premium white rounded sand for better flow, finish and aesthetics
~40/70 mesh



Key Benefits

- ✓ **Faster, Cleaner Production**
 - Rounded shape improves flowability; reduces voids
 - Optimized PSD provides balanced packing structure
 - Reduced silt & dust
- ✓ **Higher Purity for Better Performance**
 - >99.5% SiO₂ purity for strong predictable bond
 - Low impurities for reduced discoloration
 - Whole grain maintains integrity during mixing
- ✓ **Engineered for Repeatable Results**
 - COA with Truckload for batch uniformity
 - Controlled density for predictable formulations
 - Consistency drives efficiency and profit

A high-performance, lightweight system optimized for modular construction

440-462-1500

v06082404

info@spexlite.com