



Model Bale Specification: Densified Depot Grade Foam Polystyrene

This model is not meant to replace the specifications of individual buyers, many of whom may have different allowables in terms of contents and bale sizes. Rather, it is meant to provide a benchmark to suppliers.

Basic overview: *Postconsumer is defined as “used for its intended purpose and otherwise directed to disposal”.* Foam Polystyrene blocks must include at least 98% polystyrene foam. Moisture content must be less than 2%. This specification is intended for densified foam that will be used as a raw input and not further processed before extrusion. Depot grade foam is collected from the public at municipal or private drop-off facilities. Material can be densified through cold or thermal compression.

Grades:

White Depot Grade- White polystyrene foam with minimal tape, labels, and food stains.

Colored Depot Grade- Mixed color polystyrene foam with minimal tape, labels, and food stains.

THE FOLLOWING CONTAMINANTS ARE NOT ALLOWED IN ANY QUANTITIES:

- Hazardous waste
- Medical waste
- Universal waste
- Radioactive materials
- Residual Chemicals (Flammable, corrosive or reactive materials, Pesticides, Herbicides)
- Non-plastics*
- Any other plastic containers or packaging including PET (#1), HDPE (#2), PVC (#3), LDPE (#4) PP (#5), or, Other #7 Plastics

*Non-plastics including, but not limited to, aggregate (asphalt, concrete, rock, stone, etc.), fiber (cardboard, fabric, paper, etc.), glass, metal, and wood.

Block Size/Minimum Shipping Weight/ Tare Weight: Approximately 30"x42"x 48" or 30"x48"x 60". Block sizes should allow a minimum of 38,000 pounds to be shipped on 53 foot trailer.

Block Density: 15-30 lbs./ft³

Shipping Form: Logs/blocks or ingots on pallets or in gaylords.

Pallet Wrap: One layer of stretch wrap should cover the blocks from top to bottom, securing logs/blocks to the pallet.

Integrity: Pallet integrity must be maintained throughout loading, shipping, unloading and storage.

Storage: Pallets should be stored indoors or covered outdoors. Material must not be stored outdoors uncovered for a period exceeding two (2) weeks to prevent UV degradation from direct sunlight and moisture contamination.