



Model Bale Specification: Densified MRF 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 95% polystyrene foam. Moisture content must be less than 5%. This specification is intended for densified foam that will be used as a raw input and not further processed before extrusion. MRF grade foam is foam sorted from residential recycling programs by material recovery facilities. Material can be densified through cold or thermal compression.

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.