



TOTER, LLC CONTAINERS FLAMMABILITY DATA

Toter, LLC carts are molded of linear medium density polyethylene (MDPE). The flash ignition temperature for polyethylene is 645° F and the self-ignition temperature is 660° F. MDPE has a slow burn rate which corresponds to a UL 94 H-B (Horizontal Burn) flammability rating. The material safety data sheet for polyethylene lists the NFPA Fire rating as 1 (slight). The average peak heat release of our rotational molded material is 1086 kW/m².

Polyethylene can be treated with flame-retardants to lower the burn rate. However, the process is expensive and does not significantly change the rate. The physical properties of the molded product are degraded to a level that will no longer withstand the intensity of mechanical lifting systems.

Millions of Toter, LLC products are currently in use from residential to commercial applications. To date, our customers have been satisfied with the suitability and safety of our products.