



# TECHNICAL DATA SHEET

## TOPS FR-1000

Flame Retardant Master Batch

### PRODUCT DESCRIPTION

**TOPS FR-1000** is a PE carrier that is supplemented by flame retardant, flame retardant synergist & stabilizers. This master-batch is designed to apply for convenience working flow, easy to mix homogeneous in extruder with plastic, meet the necessities requested by the modern society in order to save the human life and properties from fire injuries. Typical suggested dosage to achieve UL-94 V0 is 5% to 10% improves performance of the final product.

### APPLICATIONS

**TOPS FR-1000** is suitable for use in a wide range of processes such as Injection Molding, Extrude Sheet and etc.

### SPECIFICATIONS

**TOPS FR-1000** carrier resin is Polyethylene

### TEST RESULTS

Item	Standard	Units	Value
Melt Flow Index (190 °C/2.16 Kgs)	ASTM D 1238	gm/10min	3.0 – 5.0
Specific Gravity (23 °C)	ASTM D 792		1.95 – 2.00
Moisture content	ASTM D 6980	%	0.1 – 0.2
Bulk Density		g/cc	0.95 – 0.99