



TECHNICAL DATA SHEET

TOPS FR-1020

Flame Retardant Master Batch

PRODUCT DESCRIPTION

TOPS FR-1020 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 7% to 10% improves performance of the final product.

APPLICATIONS

TOPS FR-1020 is suitable for use in a wide range of processes such as Injection Molding, Extrude Sheet and etc.

SPECIFICATIONS

TOPS FR-1020 carrier resin is Polyethylene

TEST RESULTS

| Item | Standard | Units | Value |
|-----------------------------------|-------------|----------|-------------|
| Melt Flow Index (190 °C/2.16 Kgs) | ASTM D 1238 | gm/10min | 18 – 20 |
| Specific Gravity (23 °C) | ASTM D 792 | | 1.62 – 1.80 |
| Moisture content | ASTM D 6980 | % | 0.1 – 0.2 |
| Bulk Density | | g/cc | 0.82 – 0.92 |