

Data Sheet

Flame Retardant Polythene

Description

The material is manufactured from low density polyethylene mfi 0.3 and Linear low density mfi 1.0. Using a 13% addition of the flame retardant master batch we have achieved the following results.

Ignitability: Large flame test BS476 pt 12c result was no ignition at 20 Seconds.
Ignition source BS852 number seven crib was less than 300mm for the stated two tests.
Toxic Gas and Smoke emissions were as follows: at 4 minutes concentration for flaming and non flaming:

Hydrogen Cyanide: less than 150ppm
Carbon Monoxide: less than 3500ppm
Nitrous Gases: Less than 100ppm
Sulphur Dioxide: less than 100ppm
Hydrogen Chloride: less than 150ppm
Hydrogen fluoride: less than 100ppm

Limited Oxygen index BS2782 Part 1 method 141 1986 result was 25%

Size: 4m x 25m - 250mu

other sizes are available to special order.

