

## PolyOne Maxxam™ FR PE CONC 1 Polyethylene, Low Density (LDPE)

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE

### Material Notes:

Maxxam™ FR flame-retardant polyolefin compounds and masterbatches meet stringent flammability performance requirements defined by industry agencies, including Underwriters Laboratories UL 94 V-2, V-0, and 5VA performance ratings. In addition, many compounds in the Maxxam FR portfolio offer elevated Relative Thermal Index (RTI) ratings. When this concentrate is letdown at the proper ratio the resulting materials can achieve flame retardancy equivalent to the requirements of the UL-94 V-2 or VTM-2. BFD IX-1 and NFPA 701 performance criteria are achievable using 8% PE CONC 1 in LDPE film @ 4-8 mil film. V-2 performance criteria is achievable in PE @ 15-30% in thicknesses >= 1.5mm. Information provided by PolyOne

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Maxxam-FR-PE-CONC-1-Polyethylene-Low-Density-LDPE.php](http://www.lookpolymers.com/polymer_PolyOne-Maxxam-FR-PE-CONC-1-Polyethylene-Low-Density-LDPE.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.58 g/cc	1.58 g/cc	ASTM D792
Melt Flow	2.0 - 5.0 g/10 min @Load 2.16 kg, Temperature 190 °C	2.0 - 5.0 g/10 min @Load 4.76 lb, Temperature 374 °F	Procedure A; ASTM D1238

Descriptive Properties	Value	Comments
Features	Flame Retardant	
Forms	Pellets	
Generic Material	LDPE	
Generic Name	Polyethylene, Low Density (LDPE)	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	

## Contact Songhan Plastic Technology Co.,Ltd.

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