

PolyOne Maxxam™ FR PE 112 LDPE (discontinued **)

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.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Maxxam-FR-PE-112-LDPE-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.978 g/cc	0.978 g/cc	ASTM D792
	0.980 g/cc	0.980 g/cc	ASTM D792
Melt Flow	9.1 g/10 min	9.1 g/10 min	Procedure A; ASTM D1238
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	14.1 MPa	2050 psi	Type I, 51 mm/min; ASTM D638
Elongation at Break	500 %	500 %	Type I, 51 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Vicat Softening Point	88.0 °C	190 °F	
Flammability, UL94	V-2	V-2	NC; UL 94
	@Thickness 1.59 mm	@Thickness 0.0626 in	
Oxygen Index	25 %	25 %	ASTM D2863
	@Thickness 3.18 mm	@Thickness 0.125 in	

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

Descriptive Properties	Europe Value	Comments
	North America	
	South America	

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