

Maxxam™ FR PE 112 Natural RoHS

Low Density Polyethylene

PolyOne Corporation

Message:

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.

General Information			
UL YellowCard	E76261-101733793		
Features	Flame Retardant		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.968	g/cm ³	ASTM D792
Specific Volume	1.02	cm ³ /g	ASTM D792
Melt Mass-Flow Rate (MFR) ¹ (190°C/2.16 kg)	9.1	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	10.3	MPa	ASTM D638
Tensile Elongation ³ (Break)	80	%	ASTM D638
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.59 mm, NC	V-2		
3.00 mm, NC	V-2		
NOTE			
1.	Procedure A		
2.	Type I, 51 mm/min		
3.	Type I, 51 mm/min		

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