

Maxxam™ FR PP FR 8-6 A NATURAL - ROHS

Polypropylene
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	E76261-101413478	E76261-101455005	
Filler / Reinforcement	Talc		
Additive	Impact Modifier		
Features	Flame Retardant		
	Impact Modified		
RoHS Compliance	Contact Manufacturer		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) ¹ (230°C/2.16 kg)	2.5 to 5.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.60 to 1.2	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	16.5	MPa	ASTM D638
Tensile Elongation ³ (Break)	80	%	ASTM D638
Flexural Modulus	1380	MPa	ASTM D790
Flexural Strength ⁴	27.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm, Injection Molded)	210	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, 3.18 mm)	85.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
0.750 mm, All Colors	V-0		
1.50 mm, All Colors	V-0		
	V-0		
3.00 mm, All Colors	5VA		

2.20 mm, All Colors	5VA
NOTE	
1.	Procedure A
2.	Type I, 51 mm/min
3.	Type I, 51 mm/min
4.	13 mm/min

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