

Maxxam™ FR PP FR 7B11 BK287

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			
Features	Flame Retardant		
	Medium Flow		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.940	g/cm ³	ASTM D792
Molding Shrinkage - Flow (Injection Molded)	1.0 to 2.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	28.0	MPa	ASTM D638
Flexural Modulus	900	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm, Injection Molded)	350	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, 3.18 mm)	98.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
0.794 mm, ALL	V-2		
1.50 mm	V-2		
3.00 mm	V-2		
NOTE			
1.	Type I, 51 mm/min		

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