

## PolyOne Maxxam™ FR PP FR 7C11 Polypropylene, Unspecified (PP, Unspecified)

Category : Polymer , Thermoplastic , Polypropylene (PP)

### 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. Information provided by PolyOne

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Maxxam-FR-PP-FR-7C11-Polypropylene-Unspecified-PP-Unspecified.php](http://www.lookpolymers.com/polymer_PolyOne-Maxxam-FR-PP-FR-7C11-Polypropylene-Unspecified-PP-Unspecified.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.928 g/cc	0.928 g/cc	ASTM D792
Melt Flow	14 g/10 min @Load 2.16 kg, Temperature 230 °C	14 g/10 min @Load 4.76 lb, Temperature 446 °F	Procedure A; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	27.6 MPa	4000 psi	Type I, 51 mm/min; ASTM D638
Elongation at Break	300 %	300 %	Type I, 51 mm/min; ASTM D638
Flexural Modulus	1.28 GPa	186 ksi	ASTM D790
Izod Impact, Notched	0.480 J/cm @Thickness 3.18 mm, Temperature 23.0 °C	0.899 ft-lb/in @Thickness 0.125 in, Temperature 73.4 °F	Injection Molded; ASTM D256A
Gardner Impact	28.2 J @Thickness 3.18 mm, Temperature 23.0 °C	20.8 ft-lb @Thickness 0.125 in, Temperature 73.4 °F	ASTM D3029

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	87.0 °C @Thickness 3.18 mm	189 °F @Thickness 0.125 in	Unannealed; ASTM D648
Flammability, UL94	V-2 @Thickness 0.794 mm	V-2 @Thickness 0.0313 in	ALL; UL 94
Oxygen Index	24 % @Thickness 3.18 mm	24 % @Thickness 0.125 in	ASTM D2863

Descriptive Properties	Value	Comments
Features	Flame Retardant	
	High Impact Resistance	
	Medium Flow	
Forms	Pellets	
Generic Material	PP, Unspecified	
Generic Name	Polypropylene, Unspecified (PP, Unspecified)	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China