

PolyOne Maxxam™ FR PP Concentrate 4 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. MAXXAM FR PP Concentrate 4 is designed to impart good flame retardancy to polypropylene homopolymer as well as co-polymer. The letdown ratios will vary from one grade of polypropylene to another. When this concentrate is letdown at the proper ratio the resulting materials can achieve flame retardancy equivalent to the requirements of the UL-94 V-2 or VTM-2. Typical starting points for formulation range from 10-15% by weight PP Concentrate 4. Products manufactured with PP Concentrate 4 will be low or no bloom. Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Maxxam-FR-PP-Concentrate-4-Polypropylene-Unspecified-PP-Unspecified.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.32 g/cc	1.32 g/cc	ASTM D792
Melt Flow	9.1 - 12 g/10 min @Load 2.16 kg, Temperature 230 °C	9.1 - 12 g/10 min @Load 4.76 lb, Temperature 446 °F	Procedure A; ASTM D1238

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

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