

Maxxam™ FR PP Concentrate 4

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. 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.

General Information			
Features	Flame Retardant		
	Low Blooming		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) ¹ (230°C/2.16 kg)	9.1 to 12	g/10 min	ASTM D1238
NOTE			
1.	Procedure A		

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