



Maxxam™ FR PP Concentrate 4 Polypropylene

Key Characteristics

Product Description

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

Material Status	• Commercial: Active		
Regional Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Flame Retardant • Low Blooming		
Forms	• Pellets		

Technical Properties ¹

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density / Specific Gravity	1.32	1.32	ASTM D792
Melt Mass-Flow Rate (MFR) ² (230°C/2.16 kg)	9.1 to 12 g/10 min	9.1 to 12 g/10 min	ASTM D1238

Notes

¹ Typical values are not to be construed as specifications.

² Procedure A



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