

# Maxxam™ FR PP 401

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			
UL YellowCard	E76261-101413123		
Features	Flame Retardant Medium Flow		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.928	g/cm <sup>3</sup>	ASTM D792
Specific Volume	1.08	cm <sup>3</sup> /g	ASTM D792
Melt Mass-Flow Rate (MFR) <sup>1</sup> (230°C/2.16 kg)	9.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.1 to 1.7	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Yield)	30.3	MPa	ASTM D638
Tensile Elongation <sup>3</sup> (Break)	200	%	ASTM D638
Flexural Modulus	1280	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm, Injection Molded)	37	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Annealed, 3.18 mm)	96.1	°C	ASTM D648
RTI Str	105	°C	UL 746
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.701 mm, ALL)	V-2		UL 94
NOTE			
1.	Procedure A		
2.	Type I, 51 mm/min		
3.	Type I, 51 mm/min		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

# Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

