

Maxxam™ FR PP 301 EXT

Polypropylene
PolyOne Corporation

Message:

Maxxam™ FR PP 301 EXT is a Polypropylene product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.
Characteristics include:
Flame Rated
Flame Retardant
Impact Resistant

General Information			
Features	Flame Retardant		
	Medium Impact Resistance		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.01	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) ¹ (190°C/3.8 kg)	1.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.5 to 3.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	27.6	MPa	ASTM D638
Tensile Elongation ³ (Break)	100	%	ASTM D638
Flexural Modulus	1030	MPa	ASTM D790
Flexural Strength	37.2	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			ASTM D648
0.45 MPa, Annealed, 1.57 mm	80.0	°C	
1.8 MPa, Annealed, 1.57 mm	49.0	°C	
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94
NOTE			
1.	Procedure A		
2.	Type I, 51 mm/min		
3.	Type I, 51 mm/min		

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