

Maxxam™ PP FR 7B01 BK439

Polypropylene
PolyOne Corporation

Message:

Flame retardant, UL listed

General Information			
Features	Flame retardancy		
Appearance	Black		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.930	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.2 - 1.5	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	35.0	MPa	ASTM D638
Tensile Elongation ² (Break)	180	%	ASTM D638
Flexural Modulus ³	1200	MPa	ASTM D790
Flexural Strength ⁴	41.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	40	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, 3.20 mm)	110	°C	ASTM D648
Flammability	Nominal Value	Test Method	
Flame Rating (0.800 mm)	V-2	UL 94	
Injection	Nominal Value	Unit	
Drying Temperature	80.0 - 85.0	°C	
Drying Time	2.0 - 3.0	hr	
Rear Temperature	200 - 240	°C	
Middle Temperature	200 - 240	°C	
Front Temperature	200 - 240	°C	
Mold Temperature	40.0 - 80.0	°C	
Injection instructions			
Injection Pressure: MED-HIGHHold Pressure: MED-HIGHScrew Speed: MODERATEBack Pressure: LOW			
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	1.3 mm/min		
4.	1.3 mm/min		

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