

Maxxam™ CL2 GF/30 BLACK

Polypropylene

PolyOne Corporation

Message:

Impact modified, Good heat stability

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Additive	Impact modifier		
Features	Impact modification		
	Thermal stability, good		
Appearance	Black		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.40 - 0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	70.0	MPa	ASTM D638
Flexural Modulus ²	5000	MPa	ASTM D790
Flexural Strength ³	110	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	210	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	145	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+16	ohms	ASTM D257
Charge Decay Time - 12% RH, 5000 kV to 50 kV	2777777853490.1	hr	MIL B-81705C
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	HB		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.	5.0 mm/min
2.	1.3 mm/min
3.	1.3 mm/min

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