Maxxam™ PP 301 BLK 1284-11 S

Polypropylene

PolyOne Corporation

Message:

PolyOne's Maxxam™ family of polypropylene- and polyethylene-based products covers a wide range of applications, markets and performance requirements. Standard grades are compounded with calcium carbonate, glass and talc to provide a desired balance of properties including stiffness, durability, impact resistance and heat resistance. Custom grades are available with features such as UV stabilizers, heat stabilizers, custom color, high impact, etc.

General Information			
Additive	Flame Retardant Heat Stabilizer		
Features	Medium Flow		
Uses	Construction Applications Consumer Applications Industrial Applications		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	0.980	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.20 mm)	1.4 to 1.5	%	ASTM D955
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength [1] (23°C, 3.20 mm)	31.0	MPa	ASTM D638
Flexural Modulus (23°C, 3.20 mm)	1030	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C, 3.20 mm)	27	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa, Annealed, 3.20 mm)	90.0	°C	ASTM D648
Electrical	**Nominal Value**	**Unit**	**Test Method**
Surface Resistivity (3.20 mm)	1.0E+15	ohms	ASTM D257
Volume Resistivity (3.20 mm)	1.0E+16	ohms·cm	ASTM D257
Flammability	**Nominal Value**	**Unit**	**Test Method**
Flame Rating (0.800 mm, ALL)	V-0		Internal Method
Injection	**Nominal Value**	**Unit**	
Drying Temperature	80.0 to 85.0	°C	

Drying Time	2.0 to 3.0	hr
Processing (Melt) Temp	200 to 240	°C
Mold Temperature	30.0 to 60.0	°C

NOTE
1. 50 mm/min

Recommended distributors for this material

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