Maxxam™ PP H5 G30 grey VN8438CF UV

Polypropylene Homopolymer

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			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Additive	UV stabilizer		
Features	Homopolymer Fill General		
Uses	Industrial application Architectural application field Application in Automobile Field General Consumer goods application field		
Forms	Particle		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density [1] (23°C)	1.13	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0 - 5.0	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	3.00 - 5.00	cm³/10min	ISO 1133
Molding Shrinkage [2]			ISO 294-4
Lateral flow: 23°C, 2.00mm	0.60 - 1.2	%	ISO 294-4
Traffic: 23°C, 2.00mm	0.20 - 0.60	%	ISO 294-4
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus (23°C, 4.00 mm)	5900	MPa	ISO 527-2/1
Tensile Stress (Break, 23°C, 4.00 mm)	75.0	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C, 4.00 mm)	> 4.0	%	ISO 527-2/5
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C, Injection Molded)	11	kJ/m²	ISO 179
Charpy Unnotched Impact Strength (23°C, Injection Molded)	48	kJ/m²	ISO 179

Flammability	Nominal Value	Unit	Test Method
Glow Wire Flammability Index (0.8 to 3.0mm)	750	°C	IEC 60695-2-12
Glow Wire Ignition Temperature (0.8 to 3.0mm)	775	°C	IEC 60695-2-13

NOTE	
1.	±0.03
2.	Bergmann Method

Recommended distributors for this material

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