Maxxam™ PP5940 B131 C

Polypropylene

PolyOne Corporation

Message:

Glass fiber and mica reinforced PP compound

General Information			
Filler / Reinforcement	Glass/mica, 40% filler by weight		
Appearance	Black		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.23	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Molding Shrinkage	0.30 - 0.70	%	ASTM D955
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (23°C)	67.0	MPa	ISO 527
Tensile Elongation (Break, 23°C)	2.5	%	ISO 527
Flexural Modulus (23°C)	6700	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	5.5	kJ/m²	ISO 180/1A
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature			
0.45 MPa, not annealed	155	°C	ISO 75-2/B
1.8 MPa, not annealed	138	°C	ISO 75-2/A
Injection	**Nominal Value**	**Unit**	
Drying Temperature	80.0 - 85.0	°C	
Drying Time	4.0 - 6.0	hr	
Processing (Melt) Temp	200 - 240	°C	
Mold Temperature	30.0 - 60.0	°C	

Injection instructions

Injection Pressure: MED-HIGHHold Pressure: MED-HIGHScrew Speed: MODERATEBack Pressure: LOW

Recommended distributors for this material

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