ReinForce™ 5935LE

Polypropylene Homopolymer

PolyOne Corporation

Message:

Polypropylene homopolymer glass fiber and mica reinforced

General Information			
Filler / Reinforcement	Glass fiber reinforced material Mica filler		
Uses	Application in Automobile Field		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.20	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR)	4.0	g/10 min	ISO 1133
Molding Shrinkage (3.00 mm)	0.30	%	ISO 294-4
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Break)	60.0	MPa	ISO 527-2
Flexural Modulus	5000	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength	7.0	kJ/m²	ISO 179
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	135	°C	ISO 75-2/A
Injection	**Nominal Value**	**Unit**	
Drying Temperature	80.0 - 100	°C	
Drying Time	1.0	hr	
Processing (Melt) Temp	190 - 220	°C	
Mold Temperature	40.0	°C	

Injection instructions

Hold Pressure: 400-600 barScrew Speed: 15 mm/secBack Pressure: 80 bar

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

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