RheTech Polypropylene M12P256-01

Polypropylene Copolymer

RheTech, Inc.

Message:

12% Mica Reinforced, Polypropylene Copolymer, Black

General Information			
Filler / Reinforcement	Mica filler, 12% filler by weight		
Features	Copolymer		
Appearance	Black		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	0.988	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D)	69		ASTM D2240
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength	23.4	MPa	ASTM D638
Flexural Modulus	1520	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact	96	J/m	ASTM D256
Dart Drop Impact	4.07	J	ASTM D5420
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	74.4	°C	ASTM D648
1.8 MPa, not annealed	57.2	°C	ASTM D648
Injection	**Nominal Value**	**Unit**	
Drying Temperature	65.6 - 82.2	°C	
Drying Time	1.0 - 2.0	hr	
Suggested Max Moisture	0.050	%	
Rear Temperature	193 - 221	°C	
Middle Temperature	199 - 227	°C	
Front Temperature	204 - 232	°C	
Nozzle Temperature	210 - 221	°C	
Mold Temperature	26.7 - 48.9	°C	
Injection Pressure	2.76 - 10.3	MPa	
Holding Pressure	2.07 - 8.27	MPa	
Back Pressure	0.345 - 1.03	MPa	
Injection instructions			

Injection Speed: Variable - Application DependantScrew RPM: Recovery 3 seconds before mold opensCycle Time: Wall Thickness Dependant

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China