MAJORIS GT270 - 8229

Polypropylene

AD majoris

Message:

GT270 - 8229 is a 20% mineral filled polypropylene compound intended for injection moulding.
The product is available in black (GT270 - 8229) and natural (GT270) but other colours can be provided on request.
GT270 - 8229 has a good balance between the impact strength and show very good antistatic performance.
APPLICATIONS
Automotive interior parts
Motor housing

General Information			
Filler / Reinforcement	Mineral filler, 20% filler by weight		
Additive	Antistatic property		
Features	Antistatic property Impact resistance, good Recyclable materials		
Uses	Car interior parts Shell		
Appearance	Black Available colors Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.05	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	21	g/10 min	ISO 1133
Molding Shrinkage	1.2	%	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield)	26.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	3.0	%	ISO 527-2/50
Flexural Modulus [1]	2400	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	2.0	kJ/m²	ISO 179/1eA
23°C	4.5	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
-20°C	25	kJ/m²	ISO 179/1eU

23°C	59	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	110	°C	ISO 75-2/B
1.8 MPa, not annealed	60.0	°C	ISO 75-2/A
Vicat Softening Temperature			
--	148	°C	ISO 306/A
--	68.0	°C	ISO 306/B
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	210 - 260	°C	
Mold Temperature	30.0 - 50.0	°C	
Injection Rate	Moderate		
Injection instructions			
Holding pressure: 50 to 70% of the injection pressure			
NOTE			
1.	2.0 mm/min		

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

WECHAT