MAJORIS G374

Polypropylene

AD majoris

Message:

MAJORIS G374 is a special long glass fibre reinforced polypropylene grade, for injection moulding and extrusion. The long glass fibres, chemically coupled to the polypropylene matrix, are providing with outstanding mechanical properties.
MAJORIS G374 is intended for application at low-odour and low-emission (VOC).
APPLICATIONS
MAJORIS G374 is intended for injection moulding of highly demanding technical applications.
The excellent properties of MAJORIS G374 make it suitable for:
Electrical components, automotive parts with low-odour and low-emission materials targeted at the automotive industry, interior, exterior and under the bonnet, structural furniture parts, load bearing, demanding components for various engineering sectors.
MAJORIS G374 can, in many of these applications, substitute other engineering plastics or metal alloys.

General Information	
Filler / Reinforcement	Long glass fiber
Additive	heat stabilizer
Features	Low VOC Chemical coupling Recyclable materials Heat resistance, high The smell is low to none Thermal Stability
Uses	Electrical components Furniture Metal substitution Parts under the hood of a car Car interior parts Automotive exterior parts
Forms	Particle
Processing Method	Extrusion Injection molding

Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm³	ISO 1183
Molding Shrinkage	0.50	%	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	6400	MPa	ISO 527-2/1
Tensile Stress (Break)	112	MPa	ISO 527-2/50
Tensile Strain (Break)	3.2	%	ISO 527-2/50
Flexural Modulus [1]	5600	MPa	ISO 178

Flexural Stress [2]	164	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	22	kJ/m^2	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	68	kJ/m^2	ISO 179/1eU
Injection	Nominal Value	Unit	
Rear Temperature	230 - 250	°C	
Processing (Melt) Temp	250 - 280	°C	
Mold Temperature	80.0 - 100	°C	
Injection Pressure	30.0 - 60.0	MPa	
Injection Rate	Slow		
Screw Speed	30 - 150	rpm	
Injection instructions			
Holding pressure: 50 to 70% of the injection pressureBack pressure: as low as possible, 0 to 10%Holding time: as long as practical			
NOTE			
1.	2.0 mm/min		
2.	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