

MAJORIS CETAL GN032

Acetal (POM) Copolymer

AD majoris

Message:

CETAL GN032 is a polyoxymethylen (POM), intended for injection moulding grade with high flow, anti-static modified.

APPLICATIONS

The product is available in both natural but other colours can be provided on request.

CETAL GN032 has been developed especially for the automotive applications and electrical components.

General Information			
Additive	Antistatic property		
Features	Antistatic property		
	Recyclable materials		
	High liquidity		
Uses	Electrical components		
	Application in Automobile Field		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.41	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	27	g/10 min	ISO 1133
Molding Shrinkage	1.8 - 2.0	%	
Water Absorption			ISO 62
Saturated, 23°C	0.70	%	ISO 62
Equilibrium, 23°C, 50% RH	0.20	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2800	MPa	ISO 527-2/1
Tensile Strain			ISO 527-2/1A/50
Yield	8.0	%	ISO 527-2/1A/50
Fracture	17	%	ISO 527-2/1A/50
Flexural Modulus	2700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	5.5	kJ/m ²	ISO 179
23°C	6.0	kJ/m ²	ISO 179

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	100	°C	ISO 75-2/A
Vicat Softening Temperature	150	°C	ISO 306/B
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+13	ohms	IEC 60093
Volume Resistivity	1.0E+14	ohms·cm	IEC 60093
Injection	Nominal Value	Unit	
Processing (Melt) Temp	190 - 210	°C	
Mold Temperature	80.0 - 110	°C	
Injection Pressure	60.0 - 200	MPa	
Back Pressure	0.00 - 2.00	MPa	
Injection instructions			

Holding pressure: equal injection pressure

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

