

Hostaform® C 9021 MD

Acetal (POM) Copolymer

Celanese Corporation

Message:

Hostaform® C 9021 MD is a special modified Polyacetal copolymer based on Hostaform® C 9021 for parts, which should be identified by metal detectors.

Preliminary Datasheet

General Information			
Features	Metal Detectable		
RoHS Compliance	Contact Manufacturer		
Physical	Nominal Value	Unit	Test Method
Density	1.48	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (190°C/2.16 kg)	8.50	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2800	MPa	ISO 527-2/1A/1
Tensile Stress (Yield)	58.0	MPa	ISO 527-2/1A/50
Tensile Strain (Yield)	9.5	%	ISO 527-2/1A/50
Flexural Modulus (23°C)	2700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	4.4	kJ/m ²	
23°C	4.5	kJ/m ²	
Charpy Unnotched Impact Strength (23°C)	95	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	97.0	°C	ISO 75-2/A
Melting Temperature ¹	166	°C	ISO 11357-3
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 to 230	°C	
Mold Temperature	80.0 to 120	°C	
Screw L/D Ratio	15.0:1.0 to 25.0:1.0		
NOTE			
1.	10°C/min		

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.

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