

DuPont Performance Polymers Delrin® FG400MTD BLA079 Acetal (POM) (Unverified Data**)

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, Unreinforced

Material Notes:

Metal Detectable Medium Viscosity Acetal Copolymer Developed for Food Contact Applications Delrin FG400MTD BLA079 is a metal filled medium viscosity acetal copolymer for injection molding. It is detected in metal detectors. It has been developed for coInformation provided by DuPont Performance Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-Delrin-FG400MTD-BLA079-Acetal-POM-nbspUnverified-Data.php

Physical Properties	Metric	English	Comments
Density	1.53 g/cc	0.0553 lb/in ³	ISO 1183
Viscosity	94000 cP	94000 cP	ISO 11403-1 -2
	@Shear Rate 5000 1/s, Temperature 220 °C	@Shear Rate 5000 1/s, Temperature 428 °F	
	100000 cP	100000 cP	ISO 11403-1 -2
	@Shear Rate 5000 1/s, Temperature 205 °C	@Shear Rate 5000 1/s, Temperature 401 °F	
	108000 cP	108000 cP	ISO 11403-1 -2
	@Shear Rate 5000 1/s, Temperature 190 °C	@Shear Rate 5000 1/s, Temperature 374 °F	
	356000 cP	356000 cP	ISO 11403-1 -2
	@Shear Rate 500 1/s, Temperature 220 °C	@Shear Rate 500 1/s, Temperature 428 °F	
410000 cP	410000 cP	ISO 11403-1 -2	
@Shear Rate 500 1/s, Temperature 205 °C	@Shear Rate 500 1/s, Temperature 401 °F		
471000 cP	471000 cP	ISO 11403-1 -2	
@Shear Rate 500 1/s, Temperature 190 °C	@Shear Rate 500 1/s, Temperature 374 °F		
Linear Mold Shrinkage, Flow	0.017 cm/cm	0.017 in/in	ISO 294-4 2577
Linear Mold Shrinkage, Transverse	0.016 cm/cm	0.016 in/in	ISO 294-4 2577
Melt Flow	17 g/10 min	17 g/10 min	ISO 1133
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	61.0 MPa	8850 psi	ISO 527-1/-2
Elongation at Break	15 %	15 %	Nominal; ISO 527-1/-2
Elongation at Yield	8.0 %	8.0 %	ISO 527-1/-2
Tensile Modulus	2.80 GPa	406 ksi	ISO 527-1/-2
Flexural Modulus	2.70 GPa	392 ksi	ISO 178
Charpy Impact Unnotched	7.00 J/cm ²	33.3 ft-lb/in ²	ISO 179/1eU
Charpy Impact, Notched	0.300 J/cm ²	1.43 ft-lb/in ²	ISO 179/1eA

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	120 µm/m-°C	66.7 µin/in-°F	ISO 11359-1/-2
CTE, linear, Transverse to Flow	120 µm/m-°C	66.7 µin/in-°F	ISO 11359-1/-2
Melting Point	168 °C	334 °F	10°C/min; ISO 11357-1/-3
Deflection Temperature at 1.8 MPa (264 psi)	100 °C	212 °F	ISO 75-1/-2

Descriptive Properties	Value	Comments
Additives	Release agent	
Delivery Form	Pellets	
Part Marking Code	>POM-MFe<	ISO 11469
Processing	Injection Moulding	
Regional Availability	Asia Pacific	
	Europe	
	Global	
	Near East/Africa	
	North America	
	South and Central America	
Resin Identification	POM-MFe	ISO 1043

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China