

INELEC POMCAS

Acetal (POM) Copolymer
Infinity LTL Engineered Compounds

Message:
INELEC POMCAS is an Acetal (POM) Copolymer product. It is available in North America. Primary characteristic: antistatic.

General Information			
Additive	Antistatic		
Features	Antistatic		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.7 to 1.9	%	ASTM D955
Water Absorption (24 hr)	2.1	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	38.6	MPa	ASTM D638
Tensile Elongation (Break)	45	%	ASTM D638
Flexural Modulus	1380	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	150	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	146	°C	
1.8 MPa, Unannealed	70.6	°C	
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+9 to 1.0E+11	ohms	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	188 to 204	°C	
Mold Temperature	82.2 to 93.3	°C	
Back Pressure	0.172 to 0.345	MPa	
Screw Speed	30 to 60	rpm	
Vent Depth	0.013 to 0.025	mm	

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