

ResMart Ultra POM HF

Acetal (POM) Copolymer

ResMart

Message:

High flow Ultra performance polyacetal copolymer for demanding thinwall applications. Great for multicavity applications.

General Information			
Features	High liquidity		
Uses	Thin wall parts		
Agency Ratings	FDA not rated		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	27	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	62.1	MPa	ASTM D638
Tensile Elongation (Break)	> 10	%	ASTM D638
Flexural Modulus	2860	MPa	ASTM D790
Flexural Strength	93.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	64	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	157	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	116 - 121	°C	
Drying Time - Desiccant Dryer	2.0 - 3.0	hr	
Suggested Max Moisture	0.15	%	
Processing (Melt) Temp	182 - 218	°C	
Mold Temperature	79.4 - 107	°C	
Injection Pressure	68.9 - 103	MPa	
Injection instructions			

Dew Point: -25°F

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