

ColorRx® POM2-1200RX

Acetal (POM) Copolymer

LTL Color Compounders, Inc.

Message:

A biocompatible, medium flow grade POM Copolymer for healthcare applications.

General Information			
Features	Biocompatible		
	Copolymer		
	Medium Flow		
Uses	Medical/Healthcare Applications		
Agency Ratings	ISO 10993		
	USP Class VI		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm ³	ASTM D792
Melt Volume-Flow Rate (MVR) (190°C/2.16 kg)	12.0	cm ³ /10min	ASTM D1238
Molding Shrinkage - Flow	2.0	%	ASTM D955
Water Absorption (Saturation, 23°C)	0.65	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	68.9	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	8.0	%	
Break	20	%	
Flexural Modulus	2990	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	112	°C	ASTM D648

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