

ColorRx® NY3-1000RX

Polyamide
LTL Color Compounders, Inc.

Message:
A biocompatible, transparent, partially aromatic Nylon for healthcare applications.

General Information			
Features	Aromatic		
	Biocompatible		
Uses	Medical/Healthcare Applications		
Agency Ratings	ISO 10993		
	USP Class VI		
Appearance	Clear/Transparent		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.30	%	
Across Flow	0.50	%	
Water Absorption (Equilibrium, 23°C, 50% RH)	2.0	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	100	MPa	ASTM D638
Tensile Elongation (Yield)	5.0	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	105	°C	ASTM D648

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