

ColorRx® NY2-1000RX

Polyamide 66
LTL Color Compounders, Inc.

Message:
A biocompatible lubricated nylon 6,6 approved for healthcare applications.

General Information	
Additive	Lubricant
Features	Biocompatible
	Lubricated
Uses	Medical/Healthcare Applications
Agency Ratings	ISO 10993
	ISO 10993-Part 1
	USP Class VI

Physical	Dry	Conditioned	Unit	Test Method
Specific Gravity	1.14	--	g/cm ³	ASTM D792
Molding Shrinkage				ASTM D955
Flow : 2.03 mm	1.4	--	%	
Across Flow : 2.03 mm	1.4	--	%	
Water Absorption (23°C, 24 hr)	1.2	--	%	ASTM D570
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Strength (Yield, 23°C)	81.4	--	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	60	--	%	ASTM D638
Flexural Modulus (23°C)	2790	--	MPa	ASTM D790
Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	48	110	J/m	ASTM D256
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load				ASTM D648
0.45 MPa, Unannealed	204	--	°C	
1.8 MPa, Unannealed	62.8	--	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

