

ColorRx® PP1-6000RX

Polypropylene Homopolymer
LTL Color Compounders, Inc.

Message:

A biocompatible high flow Polypropylene homopolymer with low warpage, high clarity, and radiation resistance for healthcare applications.

General Information			
Features	Biocompatible		
	High Clarity		
	High Flow		
	Homopolymer		
	Low Warpage		
	Radiation (Gamma) Resistant		
Uses	Medical/Healthcare Applications		
Agency Ratings	ISO 10993		
	USP Class VI		
Appearance	Clear/Transparent		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	60	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	32.3	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	9.0	%	
Break	> 50	%	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	75	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	93.9	°C	ASTM D648

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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

