

ColorRx® TPV-45A0RX

Thermoplastic Vulcanizate Alloy

LTL Color Compounders, Inc.

Message:

A biocompatible, TPV alloy for healthcare applications. Suitable for a wide range of disposable medical items and for overmolding for soft-touch grips. Excellent flow.

General Information	
Features	Biocompatible Good Flow
Uses	Flexible Grips Medical/Healthcare Applications Overmolding
Agency Ratings	ISO 10993 USP Class VI

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.890	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	45		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	3.28	MPa	ASTM D412
Tensile Elongation (Break)	470	%	ASTM D412
Tear Strength	17.2	kN/m	ASTM D624
Compression Set			ASTM D395B
23°C, 22 hr	18	%	
70°C, 22 hr	33	%	
100°C, 22 hr	38	%	

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