

ColorRx® TPV-53A0RX

Thermoplastic Vulcanizate Alloy

LTL Color Compounders, Inc.

Message:

A biocompatible, 53 Shore A, TPV alloy that is suitable for overmolding for healthcare applications. Adheres well to PP.

General Information			
Features	Biocompatible		
	Good Adhesion		
Uses	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)	53		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	3.59	MPa	ASTM D412
Tensile Elongation (Break)	610	%	ASTM D412
Tear Strength	21.0	kN/m	ASTM D624
Compression Set			ASTM D395B
23°C, 22 hr	20	%	
70°C, 22 hr	38	%	
100°C, 22 hr	44	%	

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