

ColorRx® TPE-OM50A0RXTL

Thermoplastic Elastomer

LTL Color Compounders, Inc.

Message:

A biocompatible, translucent, 50 Shore A Thermoplastic Elastomer, with good sterizability (including radiation) for healthcare applications. For over-molding and other applications.

General Information			
Features	Biocompatible		
	Good Sterilizability		
	Radiation Sterilizable		
Uses	Medical/Healthcare Applications		
	Overmolding		
Agency Ratings	ISO 10993		
	USP Class VI		
Appearance	Translucent		
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)	50		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	8.14	MPa	ASTM D412
Tensile Elongation (Break)	800	%	ASTM D412
Compression Set			ASTM D395B
23°C, 22 hr	15	%	
70°C, 22 hr	28	%	
100°C, 22 hr	44	%	

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