

ColorRx® TPE-OM70A0RXTL

Thermoplastic Elastomer

LTL Color Compounders, Inc.

Message:

A biocompatible, translucent, 70 Shore A Thermoplastic Elastomer with good sterilizability (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

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)	70		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	9.51	MPa	ASTM D412
Tensile Elongation (Break)	800	%	ASTM D412
Compression Set			ASTM D395B
23°C, 22 hr	27	%	
70°C, 22 hr	40	%	
100°C, 22 hr	54	%	

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