

ColorRx® TPU-65D0RX

Thermoplastic Polyurethane Elastomer

LTL Color Compounders, Inc.

Message:

A biocompatible, 65 Shore D, aromatic polyether based Thermoplastic Polyurethane Elastomer for healthcare applications.

General Information			
Features	Aromatic		
	Biocompatible		
Uses	Medical/Healthcare Applications		
Agency Ratings	ISO 10993		
	USP Class VI		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.80	%	ASTM D955

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	65		ASTM D2240

Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	51.0	MPa	ASTM D412
Tensile Elongation (Break)	370	%	ASTM D412
Compression Set			ASTM D395B
23°C, 22 hr	20	%	
70°C, 22 hr	35	%	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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



WECHAT