

TangoBlack™ FLX973

Unspecified

Stratasys

Message:

PolyJet rubber-like materials include TangoGray™, TangoBlack™, TangoPlus™ and TangoBlackPlus™. They offer various levels of elastomer characteristics: Shore scale A hardness, elongation at break, tear resistance and tensile strength that make it suitable for non-slip or soft surfaces on consumer electronics, medical devices and automotive interiors.

Ideal for:

- Rubber surrounds and overmolding
- Soft-touch coatings and nonslip surfaces
- Knobs, grips, pulls, handles, gaskets, seals, hoses and footwear
- Exhibition and communication models

General Information			
Features	High Elasticity		
	Soft		
Uses	Automotive Applications		
	Coating Applications		
	Consumer Applications		
	Electrical/Electronic Applications		
	Flexible Grips		
	Footwear		
	Gaskets		
	Handles		
	Hose		
	Knobs		
	Medical Devices		
	Overmolding		
	Prototyping		
	Rubber Replacement		
	Soft Touch Applications		
Appearance	Black		
Processing Method	3D Printing, Jetted Photopolymer		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14 to 1.15	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	60 to 62		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	1.80 to 2.40	MPa	ASTM D412
Tensile Elongation (Break)	45 to 55	%	ASTM D412

Tear Strength	2.94 to 4.90	kN/m	ASTM D624
Compression Set	0.50 to 1.5	%	ASTM D395

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Recommended distributors for this material

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