TangoPlus™ FLX930

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
Processing Method	3D Printing, Jetted Photopolymer

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12 to 1.13	g/cm³	ASTM D792

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	26 to 28		ASTM D2240

Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	0.800 to 1.50	MPa	ASTM D412
Tensile Elongation (Break)	170 to 220	%	ASTM D412
Tear Strength	1.96 to 3.92	kN/m	ASTM D624

Compression Set	4.0 to 5.0	%	ASTM D395

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