

## Simulate Standard Plastics – Rubber

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

### Simulate 6 Different Shore Values

#### Selected Digital Materials –

Combining – TangoBlackPlus or TangoPlus and VeroWhitePlus / VeroClear to simulate 6 levels of different Shore Scale A values from Shore 40 to Shore 95, with increasing tensile strength and tear resistance.

Additional Shore values can be created by combining other rubber-like and rigid materials.

#### Ideal for:

- Exhibition and communication models
- Rubber surrounds and over-molding
- Soft-touch coatings and non-slip surfaces
- Knobs, grips, pulls, handles, gaskets, seals, hoses, footwear



## Materials Simulating Standard Plastics

### Rubber-like Materials

TangoBlackPlus FLX980 and TangoPlus FLX930

	ASTM	Units	Metric	Units	Imperial
Tensile strength	D-412	MPa	0.8-1.5	psi	115-220
Elongation at break	D-412	%	170-220	%	170-220
Compressive set	D-395	%	4-5	%	4-5
Shore Hardness (A)	D-2240	Scale A	26-28	Scale A	26-28
Tensile Tear resistance	D-624	Kg/cm	2-4.	Lb/in	18-22
Polymerized density	ASTM D792	g/cm3	1.12-1.13		

## PolyJet Materials Data Sheet



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02/13