

Tango |

POLYJET FLEXIBLE RUBBER-LIKE

PHOTOPOLYMER

Tango™ Rubber-like PolyJet photopolymers simulate rubber with different levels of hardness, elongation and tear resistance. Available in black and translucent, Rubber-like material enables you to simulate a very wide variety of finished products, from soft-grip handles to footwear. With Connex3 systems, you can add color to the mix for exceptional final-product realism. The Tango family offers a variety of elastomer characteristics including multiple Shore A values from 27A to 95A.

MECHANICAL PROPERTIES	TEST METHOD	IMPERIAL	METRIC
Tensile Strength	D-412	115 - 220 psi	0.8 - 1.5 MPa
Elongation at Break	D-412	170 - 220%	170 - 220%
Compressive set	D-395	4 - 5%	4 - 5%
Shore Hardness (A)	D-2240	26 - 28 Shore A	26 - 28 Shore A
Tensile Tear resistance	D-624	18 - 22 lbs/in	2 - 4 kg/cm
Polymerized density	ASTM D792	-	1.12 - 1.13 g/cm ³

