

## Proto3000 Objet TangoBlackPlus FullCure980 Rubber-like Prototyping Polymer

Category : Polymer , Rapid Prototyping Polymer

### Material Notes:

Objet's FullCure® Materials family of proprietary acrylic-based photopolymer materials enables Objet users to create highly accurate, finely detailed 3D models and parts for a wide range of Rapid Prototyping and Rapid Manufacturing applications. Tango Family: Rubber like flexible materials with various levels of elasticity. Fields of Use: Consumer goods, Toy, Telecommunications, Computers and Architecture fields, Jewelry applications. Information provided by Proto3000 for their prototyping engineering services.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Proto3000-Objet-TangoBlackPlus-FullCure980-Rubber-like-Prototyping-Polymer.php](http://www.lookpolymers.com/polymer_Proto3000-Objet-TangoBlackPlus-FullCure980-Rubber-like-Prototyping-Polymer.php)

Physical Properties	Metric	English	Comments
Density	1.12 - 1.13 g/cc	0.0405 - 0.0408 lb/in <sup>3</sup>	Polymerized; ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	26 - 28	26 - 28	ASTM D2240
Tensile Strength at Break	0.800 - 1.50 MPa	116 - 218 psi	ASTM D415
Elongation at Break	170 - 220 %	170 - 220 %	ASTM D415
Tear Strength	1.96 - 3.92 kN/m	11.2 - 22.4 pli	ASTM D624
Compression Set	4.0 - 5.0 %	4.0 - 5.0 %	ASTM D395

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