

Proto3000 Objet TangoBlack FullCure970 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-TangoBlack-FullCure970-Rubber-like-Prototyping-Polymer.php

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

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60 - 62	60 - 62	ASTM D2240
Tensile Strength at Break	1.80 - 2.40 MPa	261 - 348 psi	ASTM D415
Elongation at Break	45 - 55 %	45 - 55 %	ASTM D415
Tear Strength	2.94 - 4.90 kN/m	16.8 - 28.0 pli	ASTM D624
Compression Set	0.50 - 1.5 %	0.50 - 1.5 %	ASTM D395

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