PolyJet TangoPlus

POLYJET MATERIAL SPECIFICATIONS

Highlights

- Translucent, amber color
- Rubber-like, elastomeric material
- High speed and resolution PolyJet process
- No increased costs from secondary processing
- Range of Shore A hardness options

Applications

- Simulated gaskets, o-rings, etc.
- Soft-touch coatings, over-molded grips on handles
- Keypads and electronic button covers

TANGOBLACKPLUS FLX980 AND TANGOPLUS FLX930

MECHANICAL PROPERTIES	TEST METHOD	ENGLISH	METRIC
Color/ Appearance	Visual	Amber	Amber
Tensile Strength	ASTM D412	115 - 220 psi	0.8 - 1.5 MPa
Elongation @ Break	ASTM D412	170% - 220%	170% - 220%
Tensile Tear Resistance	ASTM D624	18 - 22 lb/in	2 - 4 kg/cm
Hardness Shore A	ASTM D2240	26 - 28	26 - 28

**PolyJet TangoPlus Products include rigid opaque VeroWhitePlus material with rubber simulated TangoPlus.*

**PolyJet Over-Mold parts require a total of 2 separate STL files. The 2 files are the "part" (solid substrate material) and the "over-mold" (elastomeric Shore A material) files in the correct assembled relationship to one another in CAD space.*

The information presented represents typical values intended for reference and comparison purposes only. It should not be used for design specifications or quality control purposes. End-use material performance can be impacted (+/-) by, but not limited to, part design, end-use conditions, test conditions, color etc. Actual values will vary with build conditions. Product specifications are subject to change without notice.

The performance characteristics of these materials may vary according to application, operating conditions, or end use. Each user is responsible for determining that the material is safe, lawful, and technically suitable for the intended application. Stratasys makes no warranties of any kind, express or implied, including, but not limited to, the warranties of merchantability, fitness for a particular use, or warranty against patent infringement.