



Tango

POLYJET SIMULATED RUBBER MATERIAL

Flexible Tango™ material exhibits rubber-like qualities to simulate soft-touch coatings, non-slip surfaces, overmolding grips, shoe soles and other applications requiring flexible characteristics. Tango material is available in black, gray and translucent colors, and in a range of Shore A hardness values comparable to rubber bands, tire treads and shoe heels.



TO LEARN MORE ABOUT TANGO VISIT [STRATASYS.COM](https://www.stratasys.com)

stratasys

THE 3D PRINTING SOLUTIONS COMPANY



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At the core: PolyJet™ Technology

PolyJet technology creates precise prototypes that set the standard for finished-product realism. Their fine resolution makes complex shapes, intricate details and smooth surfaces possible. PolyJet 3D Printing works by jetting layers of liquid photopolymer onto a build tray and instantly curing them with UV light. The fine layers build up to create a precise 3D model or prototype. Models are ready to handle right out of the 3D printer, with no post curing needed.

Keep valuable resources in-house

You'll be amazed when you see how easy it is to produce realistic models in-house. PolyJet 3D Printers offer not only unparalleled speed, they make it easy for you to print with the widest range of material properties.

No special facilities needed

You can install PolyJet 3D Printers just about anywhere. No special venting is required because PolyJet 3D Printers don't produce noxious fumes, chemicals or waste.

Good ideas sell easier

PolyJet 3D Printers improve communication and collaboration because they produce amazingly accurate representations of your ideas that you can share with your team and your clients for a faster, more confident buy-in.

TangoBlackPlus FLX980 and TangoPlus FLX930

| | ASTM | METRIC | ENGLISH |
|--------------------------------|--------|-----------------|---------------|
| Tensile Strength | D-412 | 0.8-1.5 MPa | 115-220 psi |
| Elongation at Break | D-412 | 170-220% | 170-220% |
| Compressive Set | D-395 | 4-5% | 4-5% |
| Shore Hardness (A) | D-2240 | 26-28 Scale A | 26-28 Scale A |
| Tensile Tear Resistance | D-624 | 2-4 Kg/cm | 18-22 lb/in |
| Polymerized Density | D-792 | 1.12-1.13 g/cm³ | |

TangoBlack FLX973

| | ASTM | METRIC | ENGLISH |
|--------------------------------|--------|-----------------|---------------|
| Tensile Strength | D-412 | 1.8-2.4 MPa | 115-220 psi |
| Elongation at Break | D-412 | 45-55% | 45-55% |
| Compressive Set | D-395 | 0.5-1.5% | 0.5-1.5% |
| Shore Hardness (A) | D-2240 | 60-62 Scale A | 60-62 Scale A |
| Tensile Tear Resistance | D-624 | 3-5 Kg/cm | 18-24 lb/in |
| Polymerized Density | D-792 | 1.14-1.15 g/cm³ | |

TangoGray FLX950

| | ASTM | METRIC | ENGLISH |
|--------------------------------|--------|-----------------|---------------|
| Tensile Strength | D-412 | 3-5 MPa | 435-725 psi |
| Elongation at Break | D-412 | 45-55% | 45-55% |
| Compressive Set | D-395 | 0.5-1.5% | 0.5-1.5% |
| Shore Hardness (A) | D-2240 | 73-77 Scale A | 73-77 Scale A |
| Tensile Tear Resistance | D-624 | 8-12 Kg/cm | 50-60 lb/in |
| Polymerized Density | D-792 | 1.16-1.17 g/cm³ | |

| SYSTEM AVAILABILITY | LAYER THICKNESS CAPABILITY | SUPPORT STRUCTURE | AVAILABLE COLORS |
|---|----------------------------|---|--------------------------|
| Objet30 Prime™ | 28 microns | SUP705 (WaterJet removable) SUP706 (Soluble) | Black, Gray |
| Objet260/500 Connex1™ | 16 microns | SUP705 (WaterJet removable) SUP706 (Soluble) | Black, Gray, Translucent |
| Objet260/350/500 Connex3™ | 16 microns | | Black, Gray, Translucent |
| Stratasys J735™, Stratasys J750™ | 14 microns | | Black, Gray, Translucent |
| Objet1000 Plus™ | 16 microns | SUP705 (WaterJet removable) | Black, Translucent |

Get in touch.



HEADQUARTERS

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