

CAST URETHANE

Cast Urethane with Quickparts provides consistently accurate parts and offers a cost-effective and timely way to work through design iterations or move into low-volume production.

This process' flexibility allows for designs with complex geometries, including undercuts, blind holes, and varying wall thicknesses. Quickparts' provides the capability to cast in a wide range of materials and finishes, allowing you to choose color, texture, graphics, specialty coatings, and more.

Advantages:

- High-quality, production-like parts
- Wide range of materials: Shore 25A to Shore 80D
- Clear, UL94VO, FAR 25.852 rated, RoHS compliant, food grade, medical grade
- Simulated production finishes (mold tech textures, frosted, translucent)
- Custom color (paint, integrally colored in part)
- Wide range of coatings (EMI shielding, soft touch, tinted clearcoats)
- Graphics, inserts, and other hardware



Lead Times:

First article in as little as
6 - 8 business days



Typical Applications:

- Sales samples
- Performance evaluation and testing parts
- Design verification
- Display models
- Product photo parts
- Market study/focus group parts
- Production - short-run, bridge, low-volume/high value projects



Materials:

- ABS-Like, PE-Like, and PP-Like
- Elastomer (25A, 30A, 40A, 50A, 60A, 70A, 80A, 90A)
- Clear
- High-Strength
- High-Temp, ABS-Like
- Custom (Glass-Filled)
- MRI Transparent
- FDA-Approved Rigid and Elastomeric
- UL94VO Polypropylene and ABS-Like
- Silicone



Finishing:

- Functional
- Show
- Clear (Polished)
- Simulated mold-tech texture
- Graphics
- Inserts and other hardware



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