

Easily and economically castable in small production runs, polyurethane replaces thermoplastic at one-fifth the cost.

Benefits:

- impact resistance
- low-cost fabrication tooling
- mold design flexibility
- excellent color/pigment acceptance

Polyurethane was used to mold a virtually indestructible video arcade gun stock. Unlike the original imported thermoplastic units, which broke with rough handling, the polyurethane stocks offered high impact resistance.

Because of the lower tooling costs for the castable urethane, compared to injection molding, the manufacturer was able to produce this specialty item at considerable cost savings.