



SNAPSHOT:

Preferred Volume: 1 to 1,000 units

Prices Beginning at: \$15

Single Tool Production: 1-2 parts per day

AT A GLANCE:

This process offers the ability to mold complex geometric shapes that are resistant to most materials, offer excellent detail and superior properties such as elongation and flexibility. Finished components are ideal for dimensional accuracy, weather and chemical resistance.

DUROMETER RANGE:

10 Shore 00 – 80 Shore A

NOTABLE CUSTOMERS:

Playworld Systems, Sally Corporation,
Ward's Natural Science

RTV Silicone

ATTRIBUTES



DESIGN
VERSATILITY



EXCELLENT
SURFACE DETAIL



FLEXIBLE



IMPACT
ABSORPTION

Creative Strategy

SIZE & COMPLEXITY

- Minimum 1 gram
- Maximum 50+ lbs.
- Considerations: charge port location, hardware, parting lines and substrates

MATERIALS

- Room temperature vulcanization silicones
- Considerations: absorption, color, deformation, density, flexibility & rigidity, service temperature, surface detail, and weight

COLOR CHART: *view online at www.rsalberts.com*

DRAFT

Amount of taper for molded or cast parts perpendicular to the parting line. An angle is incorporated into a wall of a mold so that the opening of the cavity is wider than its base. Draft angles allow for easier ejection of the part from the mold.

- 0° draft acceptable in some cases, 1° draft preferred minimum

SURFACE FINISH

Dents or markings distort the plane of a surface, causing light to reflect in a way that our eyes instantly identify as an inconsistency. Added texture aids in concealing blemishes and creates a friction factor on the surface of finished parts providing anti-slip qualities.

- Ranging from smooth to heavy pebble
- Custom surface finish available at additional cost
- Stenciling and Logo

TOLERANCES

Allowable variation for any given size in order to achieve proper function when considering the design intent. As with all molded products, part material's shrink value should be considered when building your pattern and mold.

- ±.005"



RALPH S. ALBERTS
COMPANY INCORPORATED

60 Choate Circle Montoursville, PA 17754

Phone: (570) 368-MOLD (6653)

Fax: (570) 368-6353

rsalberts.com