



ROTATIONAL MOLDING PLASTISOLS

Chemionics is a custom formulator and compounder of Plastisols for the Rotational Molding Industry

Rotational molding is the process of manufacturing hollow, flexible or rigid, products using a two-part mold. The mold is filled with plastisol, rotated, and heated to form the final product.

- ✦ Plastisol is a liquid dispersion of PVC resin (Vinyl)
- ✦ Plastisols offer a wide range of properties
- ✦ Plastisols enable excellent part replication of the mold detail
- ✦ Plastisols offer low material cost compared to other polymers
- ✦ Custom formulated to meet required specifications

Formulated Properties:

Hardness: Shore A and Shore D (Soft to Rigid)

Resistance: Flame / UV / Mildew / Chemical

Physical: Tensile / Tear / Elongation / Density

Colors: Pantone / RAL / Federal Standard 595

Compliance: Non-Phthalate / California Prop 65 / CPSIA / REACH / RoHS / FDA / UL

PVC = Performance Versatility Cost Effective

Industries Served: Medical, Toy, Industrial, Automotive, Agricultural, Marine, Recreational

Product Applications: Play balls, dolls, boat fenders, medical bulbs, buoys, anatomical models, mannequins, squeeze toys, etc.

Fully Staffed Laboratory for Product Development and Quality Control
All of our products are produced and tested at our **ISO 9001:2015** facility

Samples Available Upon Request

