ROTATIONAL MOLDING STANDARD TOLERANCES

Attainable prototype dimensional tolerances depends on the choice of technology used to make the prototype or short-run parts. Actual capabilities are dependent upon manufacturing, equipment, material selection, and part requirements. For unique requirements to ensure specs are met within the limitation of our technologies, capabilities and processes, a 2D drawing print (s), tolerances, and / or other requirements are required in writing when quotation is requested. We are fully equipped to fabricate components for companies and can quote from PDF 2D drawing (s), STEP, IGES, and SLDPRT model formats.

Technology:	Rotational (Roto) Molding
Material type:	Polyvinyloride ~Thermoplastic Polyester Plastic Resins
Materials:	Acetal, Acrylic, Cross-Linked, HDPE, LDPE, Nylon 6, Nylon 11, Nylon 12, Polybutylene, Polycarbonate, Polyurethane, PVC, Silicon
Net Build Size Parts Up To :	10 ft.
Dimensional Tolerances:	± 0.010 in. (Typical) ~ ± 0.005 ~ 0.003 in. (Feasible)
Wall Thickness:	.125 in. (Typical)
Ideal Uses For This Technology:	Bins/Trays, Bottles, Containers, Enclosures, Furniture, Housings, Large Bins, Manifolds, Medical Housings, Pallets, Sculpture Art, Tanks.

Disclaimer: The data above is general information and may vary from machine to machine or supplier to supplier. All tolerance specifications reflect the approximate range of a process's capabilities and should be viewed only as a guide. These dimensional tolerances, buyer assumes sole responsibility for the design, and must test and verify the material of the product for each specific application applies to their internal requirements.