

## **Welcome**

This summer edition of our newsletter finds many of you very busy and working hard to employ enough people, keep machines running, and make shipments on time. That means you are most likely operating at full capacity. At times like these, the effect of inefficiencies and scrap have a higher impact when they reduce your available capacity. We have in the past, and will in the future, present product offerings from RotoMart designed to improve the efficiencies in the molding operations. In this edition, we are focusing on raw materials and offering a product that will help by ensuring at least one aspect of your resin is in order.

**The RotoMart Team**

## **What's Your Problem? "Resin tumbles inside molds"**



Most will agree that the way in which resin tumbles is a critical factor in that it must touch all parts of the mold equally and, consequently, form uniform parts. Factors such as particle size distribution, density, and even moisture can affect the flow of a resin, so it is important that this aspect be tested. ARM, and material suppliers have recognized this and have worked to establish a standard flow test which will determine whether the material is suitable for the rotational molding process. This test requires standard measuring equipment which we offer. Please see the description in our Creative Solutions area below.

## **Creative Solutions "Funnels"**

We offer two aluminum powder flow test funnels in our product line.

Poorly ground powder will not flow properly in the mold and, as a consequence, may cause longer oven cycles. It can even reduce part impact strength due to insufficient densification (cure) of the powder. Quality powder, on the other hand, will fill threads and flow around inserts better, reducing scrap. For these reasons, the flowability test is one of the most important tests a rotomolder can perform. Bulk density is also important because it determines the powder's ability to fill low volume molds.



Funnel, Pourability and Bulk Density Cup, 10mm, KC800810



Funnel, Pourability and Bulk Density Cup, ASTM D1895, Method A 9.5mm, KC800811

























ASTM D1895 Method A. This 3 piece kit contains a Pourability 9.5 mm aluminum Funnel with tripod legs and a 100 ml aluminum BD Cup. This test is also referred to as Flowability, Dry Flow Rate and Bulk Density. This and Dry Flow Funnel - KC800810 kits are the most efficient and low-cost equipment to test both PE powder flowability and bulk density. It just may be one of the most useful quality tools at your disposal.

These 10mm Funnels are in compliance with ARM 2.1, and are produced in aluminum, finished and anodized for proper flow measurement. All ARM 2.1 compliant funnels are tested and certified. Flowability and Bulk Density Tests can be performed in less than five minutes.

For more information, please contact us at [info@rotomart.com](mailto:info@rotomart.com).

## Used Mold Offering "Take A Look"

RotoMart has an entire section devoted to used molds. If you haven't looked lately, maybe this is just the time to see what we have available. Used molds are a perfect way to enter into a new product line or add to an existing line. Our inventory consists of a variety of used molds from garden products to water sports. So, **"Take A Look"**, you may be surprised at what you see and we are ready to help you select the right mold at the right price.

					
Inner Tire	Dock Storage Box	Small Tire	Indented Pad	Tote Tub	Pontoon Dolly
					
Step Mold	Fabricated Display Table	Gone Fishing	Pet Boathouse	Funnel	Cat Litter Boxes Small
					
Cat Litter Boxes Medium	3-Mold Mount Cat Litter Boxes	Cat Litter Boxes	80 Gallon Tank	Storm Shelter	Treehouse Hideaway
					
Stacking Gaylord	Reptile Cage	Sail Away Pet Mold	14' Double Wall Wave Slide	Kitty Playground	Kitty Bench

We still need used molds to add to our inventory. Why not help us help you? Just take a look in your inventory to access molds you no longer use. There may be money to be made from older molds which are taking up space in your factory.

Please contact us today at [info@rotomart.com](mailto:info@rotomart.com) and see if we can assist you.

## Industry News



ASSOCIATION OF  
ROTATIONAL MOLDERS

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