

# Food Service Equipment



**UNIFUSE**<sup>®</sup>  
redefining molded plastic



# Food Service Equipment

## FDA-Compliant Resins & Colors



**Can you cut costs by using a container that hasn't been invented yet?**

**Challenge:** Our client needed an NSF-certifiable, custom-sized container to fit their conveyor system. The container had to meet their capacity requirement within specific dimensional limitations, and withstand steam cleaning.

**Solution:** Using VIM technology combined with FDA-compliant polyethylene, Unifuse was able to create a unique container that met all the requirements, as well as a custom dolly, and deliver a small quantity quickly and cost-effectively.

Mixing custom solutions and our off-the-shelf products helps keep your costs low.



### Unique, Patented VIM Plastic Molding Process Makes Unifuse Plastics Nearly Indestructible.

Unifuse has 30 years of experience delivering practical solutions to the food service, aerospace, automotive, OEM, material handling and healthcare industries. Our unique Vibrational Molding (VIM) process delivers a custom polyethylene product: supremely durable and endlessly reusable with lower molding costs than other processes.

Our engineering and manufacturing process makes even "impossible" designs possible, and enables us to be highly responsive, providing prototypes, modification and production with short lead times.

- Low-cost tooling and quick turnaround
- Unrival ability to modify on-the-fly
- Tier-one provider
- Made in the USA

**"An unusual... process, based on simple molding principles, removes virtually all of the conventional limitations."**

— Donald R. Dreger, Staff Editor  
Machine Design

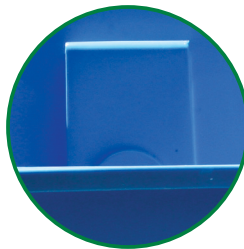
Visit our website for the full array of products and detailed technical data:  
[www.unifuse.com](http://www.unifuse.com)

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### Unifuse (VIM) Molding Compared to Other Thermoplastic Processes

	VIM	Injection	Extrusion	Thermo-forming	Blow Molding	Rotational Molding
Mold Cost	LOW	High	Medium	Medium	High	Medium
Melt Plastic	NO	Yes	Yes	No	Yes	No
Pressure	LOW	High	High	Vacuum	High	Low
Stress Free	YES	No	No	No	No	Yes
Inserts/Additives	YES	Some	No	No	No	Yes





**“Besides no inherent stress, benefits of the [Unifuse] molding process are that large parts are easily made and tooling costs are low.”**

*— David J. Bak, East Coast Editor  
Design News*



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