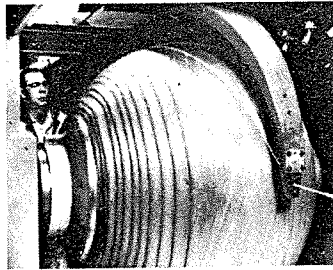


THE MATERIAL OF UNLIMITED USES

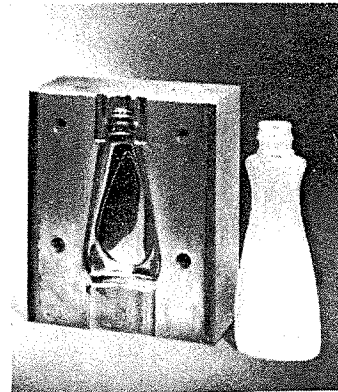
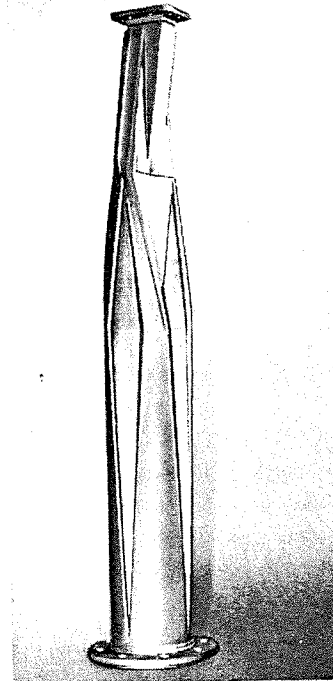
CERRO LOW-MELTING AND EUTECTIC ALLOYS

Wherever a low-melting-temperature castable material is required, Cerro Alloys can do the job better than other types of material and some jobs only a low-melting alloy will do. The illustrations below show only a few of the many applications being done in product design, processing and fabrication today by the family of CERRO* Alloys, with melting points as low as 117°F. *Trademark

Melt-away mandrels: for filament-wound glass-fiber-reinforced plastic shapes and vessels. Cerro Alloys are readily cast into mandrels for layup of one-piece shapes and vessels with reentrant curves, etc. Alloy mandrel is quickly melted out of even a small hole in the finished layup.



Potting and Encapsulation: Just dip and strip Cerro Alloy from master pattern to produce instant, dimensionally precise molds for castable resins. Molds separate from cured plastic easily by cracking, or they can be melted off during the curing cycle and metal reused indefinitely.



Instant dies for blow-molding: Cast or spray Cerro Alloys around masters of wood, plastic, metal, even paper, to produce precision dies for short-run blow-molding... reuse metal again and again.

Melt-out patterns for vacuum and electroforming: Cerro Alloy patterns, molds, forms, and dies accommodate any shape or cross section for either vacuum forming or electroforming. All that is required is a small hole that is continuous with the cavity to allow the Cerro metal to melt out. Maximum economy is assured by virtually unlimited re-use of the material.

Processors will also benefit from Cerro Alloys' advantages as toolholders and work-piece holders; for supporting thin sections for machining; and as a proof-casting material of unequalled accuracy.

Custom Alloys: Our new production and development facilities can create an alloy exactly suited to your most demanding end-service requirements. Use this specialized ability to solve your alloy problems. For more detailed information on the properties of Cerro Alloys, write Cerro

CERRO METAL PRODUCTS

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