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## **Materion Corporation Unit Announces Partnership with Aristo Cast for its AlBeCast® Aluminum-Beryllium Investment Castings Product Line**

ELMORE, Ohio--(BUSINESS WIRE)-- Materion Brush Beryllium & Composites, a Materion Corporation (NYSE: MTRN) business, announced that it qualified and entered into a strategic manufacturing and marketing partnership with Aristo Cast Inc. (Almont, Michigan) for its proprietary AlBeCast® aluminum-beryllium investment castings product line. The two companies initiated their partnership in October 2013.

Aristo Cast is a recognized global leader in complex castings from lightweight materials, especially magnesium alloy investment casting. Aristo Cast has received numerous awards for best in class magnesium castings from the American Foundry Society, the Investment Casting Institute, and the International Magnesium Association.

Leveraging off its lightweight alloy investment casting experience, Aristo Cast provides Materion with a breakthrough shell technology that in qualification proved not only to improve casting quality, but dramatically reduce production costs of aluminum-beryllium investment castings. Shell technology refers to the process of producing the hollow ceramic shells into which molten metal is poured to make the castings.

"Aristo Cast technology represents a game-changing development for the production of AlBeCast," said Lawrence Ryczek, Vice President and General Manager of Materion Brush Beryllium & Composites.

"With the Aristo Cast shell technology, our expanded capability and world class casting team, we are confident AlBeCast will capture new applications that weren't possible even two years ago," he continued. "We are in qualification with a number of aerospace, defense and semiconductor firms seeking to capitalize on this alloy system and casting technology breakthrough. As previously announced, we are in qualification with Lockheed as a supplier for the F-35 Lightning II's Electro-Optical Targeting System."

Jack Ziemba, President and Owner of Aristo Cast said, "When Materion approached us about partnering with them, we immediately embraced this win-win opportunity. Aristo Cast investment casting technology is recognized as industry leading, and its use with aluminum-beryllium material has been demonstrated to be a great fit. Materion has the resources to grow the reinvigorated AlBeCast product line, and we look forward to working side by side with them to do it."

The Aristo Cast partnership coincides with Materion's own new investment in casting technology, equipment and upgrades at its Elmore facility. The operation offers customers rapid prototyping and solidification modeling to provide investment cast parts with short lead times and competitive pricing. Aluminum-beryllium castings provide favorable cost/benefit advantages for technically demanding applications requiring a combination of ultra-light weight, stiffness, mechanical stability and thermal properties.

Materion Corporation is headquartered in Mayfield Heights, Ohio. The Company, through its wholly owned subsidiaries, supplies highly engineered advanced enabling materials to global markets. Products include precious and non-precious specialty metals, inorganic chemicals and powders, specialty coatings, specialty engineered beryllium alloys, beryllium and beryllium composites, and engineered clad and plated metal systems.

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