



June 7, 2017

Materion Introduces Thermalox® V Advanced Beryllium Oxide Ceramic

Advanced Materials Company Expands its BeO Ceramics Product Line

MAYFIELD HEIGHTS, Ohio--(BUSINESS WIRE)-- Materion Corporation (NYSE:MTRN) recently introduced Thermalox® V to augment its product line of advanced beryllium oxide ceramic (BeO) materials. Utilized in applications that require high thermal conductivity while providing electrical insulation, the new product is exclusive to Materion and offers an economical alternative to standard BeO ceramics.

Thermalox V, which is rated at a minimum thermal conductivity of 220 W/m-K, was developed to meet the demands of customer applications that call for significantly higher thermal conductivity than aluminum nitride (typically 180 W/m-K), but do not require the premium performance of Materion's Thermalox® 995 (285 W/m-K). BeO is widely used in power electronics, diode and gas lasers, and the RF and microwave industries.

"Thermalox V allows us to deliver all the benefits of BeO to lower cost devices," said W. Glenn Maxwell, President, Materion Performance Alloys and Composites. "It gives budget-constrained customers a ceramic material that bridges the performance gap between conventional aluminum nitride and BeO, ultimately expanding their design options."

To learn more about Materion Ceramics and the Thermalox product line, please visit <https://materion.com/products/beryllium-products/beryllium-oxide-ceramics>.

Materion Corporation is headquartered in Mayfield Heights, Ohio. The Company, through its wholly owned subsidiaries, supplies highly engineered advanced enabling materials to global markets. Our unique product portfolio includes [high performance alloys](#), [beryllium products](#), [clad metal strip](#), [composite metals](#), [ceramics](#), [inorganic chemicals](#), [microelectronics packaging materials](#), [precision optics](#), [thin film coatings](#) and [thin film deposition materials](#). Learn more about Materion at (<http://materion.com/About>).

Connect with Materion on social media through:

Facebook - <https://www.facebook.com/MaterionCorp/>
Google+ - <https://plus.google.com/+MaterionCorporation>
LinkedIn - <https://www.linkedin.com/company/materion-corporation>
Twitter - <https://twitter.com/MaterionCorp>
YouTube - <https://www.youtube.com/user/MaterionVideos>

View source version on [businesswire.com](http://www.businesswire.com): <http://www.businesswire.com/news/home/20170607005758/en/>

Materion Corporation
Investor Contact:
Stephen F. Shamrock, 216-383-4010
stephen.shamrock@materion.com
or
Media Contact:
Kurt C. Eyman, 216-383-4015
kurt.eyman@materion.com
<http://www.materion.com>
Mayfield Hts-g

Source: Materion Corporation

News Provided by Acquire Media