



Industrial High-Temperature Solutions

Sunrock Ceramics Develops High Performance Alumina Pusher Plate for Powder Metallurgy and Technical Ceramics Applications

CHICAGO, IL, February 28, 2008 -- Sunrock Ceramics Company, LLC, a manufacturer of pressed high-alumina parts for the powder metallurgy and technical ceramics markets, announces the introduction of a high performance alumina pusher plate for hydrogen atmosphere sintering at high temperature. The material, known as HPA-CG, was developed specifically for this demanding application. Over the course of the development process, HCA-CG pusher plates have been thoroughly tested and qualified for production usage by leading sintering furnace manufacturers and powder metallurgy part producers.

“Parts producers sintering with rapid thermal cycles in hydrogen atmospheres are constantly struggling with the life of their alumina pusher plates, especially now that commodity prices have made molybdenum a less economically viable option for higher temperature applications,” reports Doug Thurman, president of Sunrock Ceramics. “When a leading stainless steel parts producer, with a very aggressive sintering cycle, approached us with the challenge of extending the life of their pusher plates, we responded with the development of this material. The HPA-CG pusher plate has been exhibiting a life cycle that is multiples longer than other high-alumina plates, creating exceptional value and helping to solve a perpetual problem in the industry.”

Sunrock Ceramics is dedicated to working with customers to develop sintering solutions. The creation of HPA-CG is a direct result of that process. For more information about Sunrock Ceramics Company, LLC visit www.sunrockceramics.com or call (708) 344-7600.