

CoorsTek Introduces Diffuse Reflecting CeraLase™ Ceramics for Laser Equipment Components

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New material combines high diffuse reflectance with the high-temperature durability of ceramics to provide superior performance in high power, solid-state laser applications.

December 7, 2006 – Golden, CO – CoorsTek, one of the world’s largest technical ceramics manufacturers, today officially announced introduction of its new CeraLase™ ceramic materials developed specifically for laser reflector/pump chamber applications. Specifically, the CeraLase AHP-99 grade provides greater than 98% reflectance at typical solid-state laser wavelengths (as verified by independent lab, Labsphere).

These ceramic materials also offer superior dielectric strength, thermal stability, strength, and hardness over traditional diffuse reflector materials. CeraLase AHP-99 is ideally suited for pump cavities used in high power, solid-state lasers. In addition to pump cavity chambers, CoorsTek is a leading supplier of ceramic components used in other laser applications including feedthroughs, insulator plates, laser waveguides, and ion laser tubes.

“We’ve provided ceramic components to laser markets for decades and will continue to enhance our materials portfolio to meet market demands,” states CoorsTek Sales Manager, Jim Schienle. “Our development efforts for CeraLase AHP-99 have paid a significant dividend in overall performance and product life.”

For more information about CeraLase Ceramics for laser systems, please visit their website at www.coorstek.com, send an e-mail to lasers@coorstek.com, or call +1.732.833.5067. To navigate directly to their laser page, use www.coorstek.com/products/laser.asp.

Resources – please contact Harrison Hartman at +1.303.277.4559 or hhartman@coorstek.com:

1. High-resolution digital photos
2. Performance chart of AHP-99 material in Adobe Illustrator or other format

More about CoorsTek...

Established in 1910, CoorsTek is one of the largest technical ceramics manufacturers in the world and serves customers throughout North America, Europe, and Asia. CoorsTek supplies critical components and complete assemblies for medical, automotive, semiconductor, aerospace, electronic, power generation, telecommunication, and other high-technology applications. Utilizing advanced material technologies, the company's engineered solutions enable its customers' products to overcome technological barriers and improve performance. For more information about CoorsTek, please visit the Company's website at www.coorstek.com.

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