

Hybrid Silica Gel Made of Porous Silica Particles

Disclosure Number

201603663

Technology Summary

The invention relates to insulating materials and more specifically to applications that require thermal insulation with high visible transmittance. Additionally, the developed product could be used for any type of thermal insulation applications such as cryogenic hydrogen storage and in refrigerators. The developed technology can further be modified for applications in window films and coatings for reducing the heat loss. Initial calculations show that the product will be less costly compared to the current insulation technologies.

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