

LUMIRA™ TRANSLUCENT AEROGEL LA1000, LA2000

The superior properties of translucent Lumira™ aerogel, make it the obvious choice for insulating a wide variety of daylighting systems from glass to polycarbonate. Its light transmitting nature and superior thermal mean enhanced energy efficiency while enabling a wide range of commercial and residential building design choices. Benefits include:

- Hydrophobic / water repellent
- UV stability
- Sound absorption
- Thermal insulation
- High light transmission
- Lightweight
- Non-combustible
- Inert

Product Features

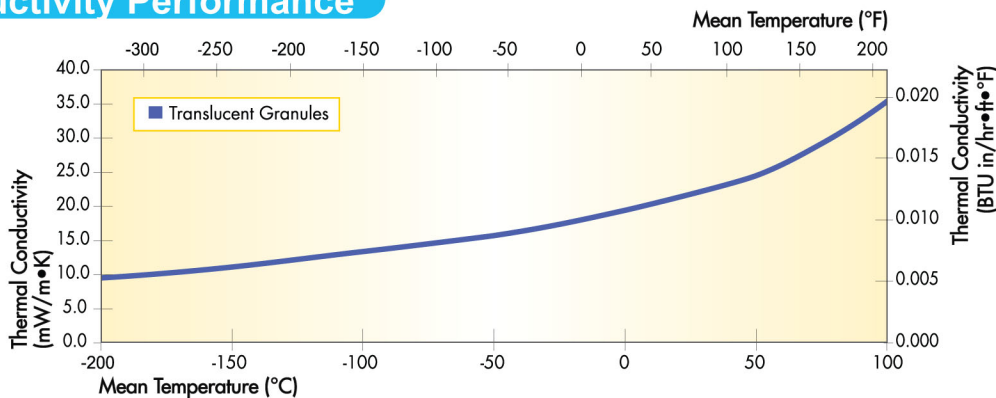
Particle size range	0.7 - 4.0mm
Pore diameter	~ 20nm
Porosity	>90%
Particle density	120 - 180kg/m ³
Bulk density	65 - 85kg/m ³
Surface chemistry	Fully hydrophobic
Surface area	600 - 800m ² /g
Light transmission	91% per cm - see brochure for complete details
CAS RN	102262-30-6

Lumira aerogel is reusable, safe for human and ecological systems, and is manufactured with little to no impact on the environment. It holds Silver Cradle to CradleSM certification from McDonough Braungart Design Chemistry.



This stringent independent certification process examines a product's manufacturing characteristics and ecological impact, aiming to eliminate waste entirely and create a healthy and sustainable society. Cabot certifies it has completed the EU REACH pre-registrations required for all Cabot aerogel products.

Thermal Conductivity Performance



Cabot Corporation
2 Seaport Lane, Suite 1300
Boston, MA 02210
978.670.6266
www.cabotaerogel.com

The aerogel produced by Cabot Corporation is covered by a series of domestic and international patents and licenses. This information is provided as a convenience and for informational purposes only. No guarantee or warranty as to this information, or any product to which it relates, is given or implied. This information may contain inaccuracies, errors or omissions and CABOT DISCLAIMS ALL WARRANTIES EXPRESSED OR IMPLIED, INCLUDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AS TO (i) SUCH INFORMATION, (ii) ANY PRODUCT OR (iii) INTELLECTUAL PROPERTY INFRINGEMENT. In no event is Cabot responsible for, and Cabot does not accept and hereby disclaims liability for, any damages whatsoever in connection with the use of or reliance on this information or any product to which it relates.

© 2011 Cabot Corporation - All rights reserved worldwide. Cabot and Lumira are trademarks of Cabot Corporation. Cradle to Cradle is a service mark of McDonough Braungart Design Chemistry. NTA_LA_0511

