

## 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

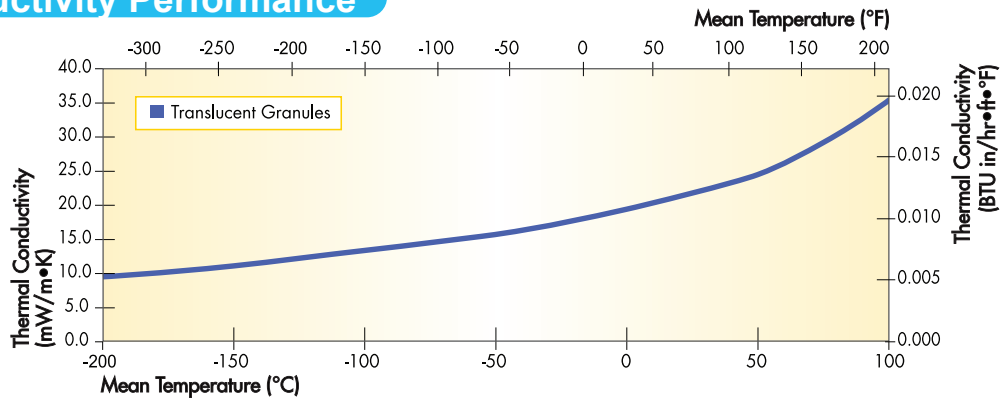
### Product Features

Particle size range	0.7 - 4.0mm
Pore diameter	~ 20nm
Porosity	>90%
Particle density	120 - 180kg/m <sup>3</sup>
Bulk density	65 - 85kg/m <sup>3</sup>
Surface chemistry	Fully hydrophobic
Surface area	600 - 800m <sup>2</sup> /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 Cradle™ 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



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