



NANOgel® TRANSLUCENT AEROGEL TLD 100, 101, 102, 301, 302

The superior properties of high performance Nanogel aerogel, an amorphous silica, make it the obvious choice for a variety of applications. Benefits in end-use applications include:

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

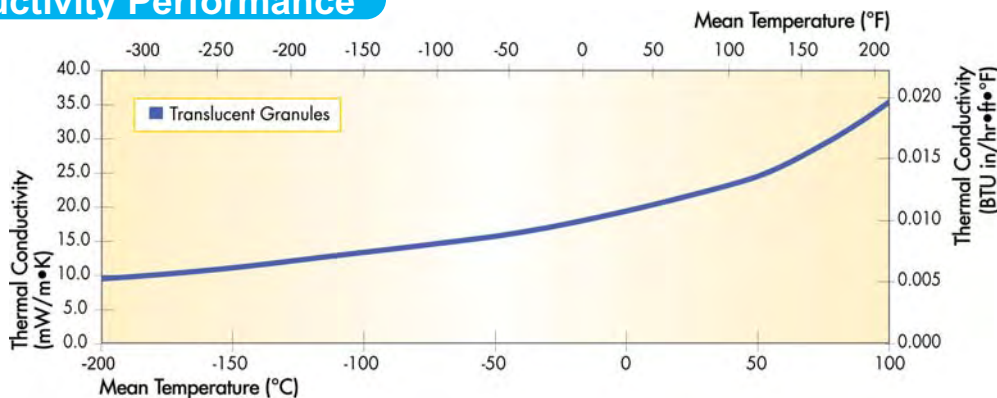


Nanogel aerogel is reusable, safe for human and ecological systems, and is created through a closed loop process with little to no impact on the environment. It holds Silver Cradle to CradleSM certification from McDonough Braungart Design Chemistry. Cabot certifies it has completed the EU REACH pre-registrations required for all Nanogel aerogel products.

Product Features

	TLD 100	TLD 101	TLD 102	TLD 301	TLD 302
Particle size range	0.01 - 4.0mm	0.01 - 0.7mm	0.01 - 1.2mm	0.7 - 1.2mm	1.2 - 4.0mm
Pore diameter	~ 20nm				
Porosity	>90%				
Particle density	120 - 180kg/m ³				
Bulk density	80 - 100kg/m ³	75 - 95kg/m ³	75 - 95kg/m ³	65 - 85kg/m ³	65 - 85kg/m ³
Surface chemistry	Fully hydrophobic				
Surface area	600 - 800m ² /g				
CAS RN	102262-30-6				
Oil absorption	540 - 650g DBP/100g particle				

Thermal Conductivity Performance



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

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