

Particles

P100, 200, 300



The superior properties of high performance Cabot aerogel particles 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

Product features

	P100	P200	P300
Particle size range	0.01 - 4.0mm	0.01 - 1.2mm	1.2 - 4.0mm
Pore diameter	~20nm	~20nm	~20nm
Porosity	>90%	>90%	>90%
Particle density	120 - 150kg/m ³	120 - 180kg/ m ³	120 - 180kg/m ³
Bulk density	80 - 100kg/m ³	75 - 95kg/m ³	65 - 85kg/m ³
Surface chemistry	hydrophobic	hydrophobic	hydrophobic
Surface area	600 - 800m ² /g	600 - 800m ² /g	600 - 800m ² /g
CAS RN	102262-30-6	102262-30-6	102262-30-6
Oil absorption	540 - 650g DBP/100g particle		



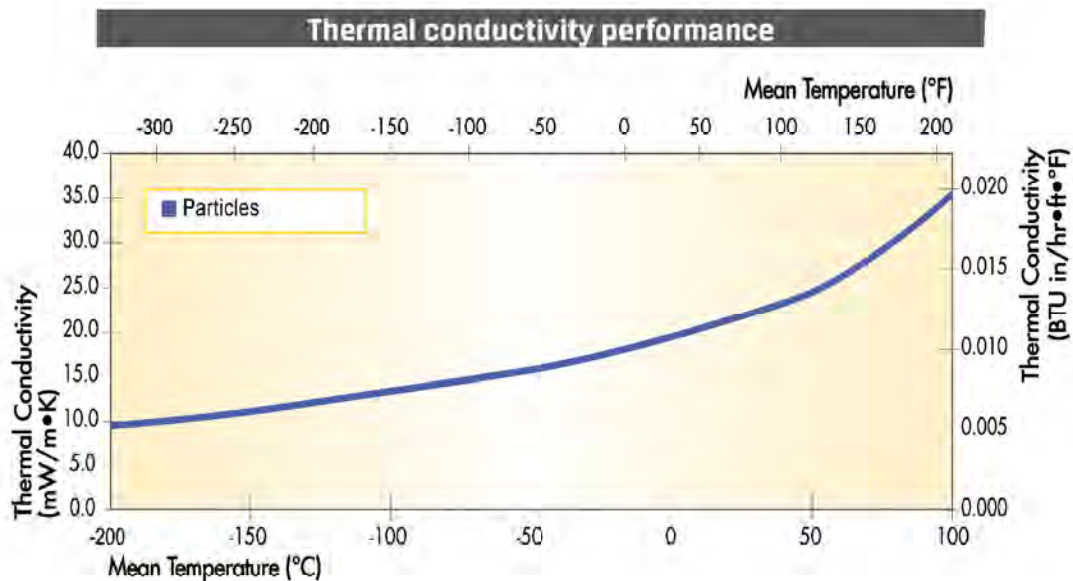
SILVER

Cabot aerogel is 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.

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For mean temperatures outside ranges shown, please contact Cabot Aerogel for more information, as performance varies based on material grade and specific application.



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