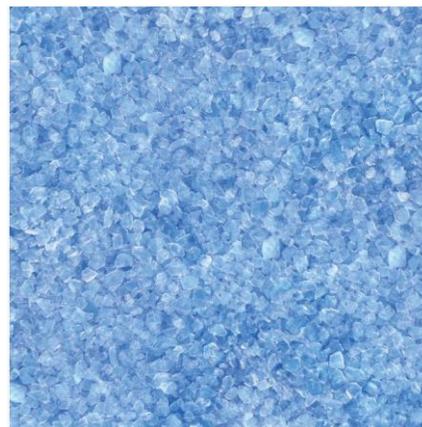


IC3105 AEROGEL PARTICLES

Product highlights

IC3105 aerogel particles are thermally insulative materials that can be used in a variety of end-use bulk insulation applications. These products have half the thermal conductivity of still air and are suitable for use as additives in high performance insulation systems.



Performance benefits:

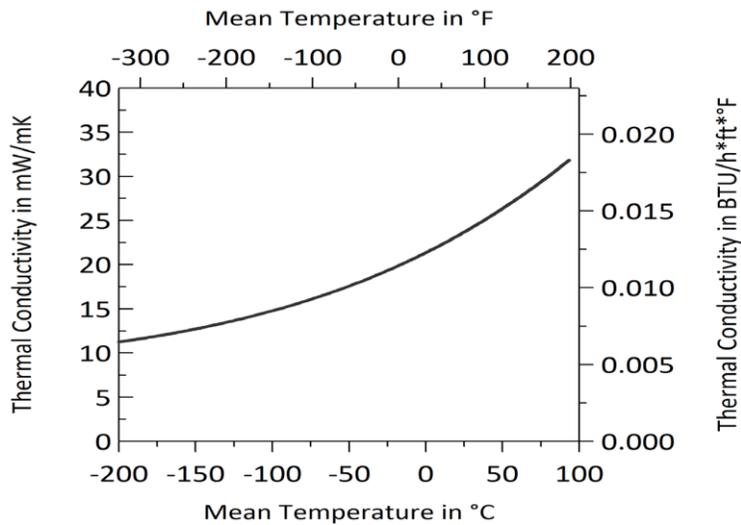
- ◆ Hydrophobic/water repellent
- ◆ UV stability
- ◆ Sound absorption
- ◆ High light transmission
- ◆ Lightweight
- ◆ Non-combustible
- ◆ Inert

PRODUCT FEATURES	
PROPERTY	IC3105
Particle size range	0.1 – 0.5 mm
Pore diameter	~20 nm
Porosity	>90%
Particle density	120 – 180 kg/m ³
Bulk density	80 – 100 kg/m ³
Surface chemistry	Hydrophobic
Surface area	600 – 800 m ² /g
CAS RN	102262-30-6
Oil absorption	540 - 650 g DBP/100 g particle

The data in the table above are intended as guidance only and are not product specifications. Product specifications are available upon request from your Cabot representative.

IC3105 AEROGEL PARTICLES

Thermal conductivity performance



For mean temperatures outside ranges shown, please contact your Cabot representative, as performance varies based on material grade and specific application.

For information on product-specific storage conditions, please refer to the applicable Safety Data Sheet (SDS) available from your Cabot representative or at cabotcorp.com.

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