



ENOVA™ AEROGEL IC 3100

Enova™ aerogel is the ultimate thermally insulative coatings additive. With a thermal conductivity half that of still air, and a particle size that can deliver a smooth, even coat, Enova™ aerogel is ideal for a variety of thin film insulative coatings applications, enabling coatings that provide functional advantages including:

- Ultra low thermal conductivity
- Extreme resistance to shear
- Safe touch performance
- Complete hydrophobicity
- Smooth, even finish

Product Features

Particle size range	2-40µm
Pore diameter	~20nm
Particle density	120-140kg/m ³ 7.5-9.0lb/ft ³ 1-1.2lb/gal (US)
Surface chemistry	Fully hydrophobic
Thermal conductivity	0.012W/m•K at 25°C 0.083Btu•in/hr•ft ² •°F at 77°F
Surface area	600 - 800m ² /g
CAS RN	126877-03-0

Enova™ aerogel is 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 Enova™ aerogel products.

