

# ENOVA<sup>®</sup> IC3100 AEROGEL

## Product highlights

ENOVA IC3100 aerogel is a thermally insulative coatings additive. With a thermal conductivity that is half the conductivity of still air, and a particle size that can deliver a smooth, even coat, ENOVA IC3100 aerogel is suitable for use in a variety of thin film insulative coating applications, and can enable coatings that provide functional advantages including:



- ◆ Ultra-low thermal conductivity
- ◆ Extreme resistance to shear
- ◆ Safe touch performance for personnel protection
- ◆ Complete hydrophobicity
- ◆ Smooth and even finish

PRODUCT FEATURES	
PROPERTY	DATA
Particle size range	2-40 $\mu\text{m}$
Pore diameter	$\sim 20 \text{ nm}$
Surface area	600-800 $\text{m}^2/\text{g}$
Particle density	$\sim 20 \text{ nm}$
	120-150 $\text{kg}/\text{m}^3$
	7.5-9.4 $\text{lb}/\text{ft}^3$
	1-1.25 $\text{lb}/\text{gal}$ (US)
Surface chemistry	Hydrophobic
Thermal conductivity	0.012 $\text{W}/\text{m}\cdot\text{K}$ at 25°C
CAS RN	102262-30-6

The data in the table above are typical test values intended as guidance only; they are not product specifications. Product specifications are available upon request from your Cabot representative.

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](http://cabotcorp.com).

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