

ENOVA[®] IC3120 AEROGEL

Product highlights

ENOVA IC3120 aerogel is an insulative coatings additive. With a thermal conductivity that is half the conductivity of still air, and a particle size that can deliver extremely high film build, ENOVA IC3120 aerogel can enable coatings that rival the performance of traditional insulation forms.

Benefits in end-use applications include:

- ◆ Ultra-low thermal conductivity
- ◆ Insulation performance unaffected by shear
- ◆ Broad particle size distribution for high packing factor
- ◆ Complete hydrophobicity
- ◆ High single pass DFT
- ◆ Safe touch performance for personnel protection



PRODUCT FEATURES	
PROPERTY	DATA
Particle size range	0.1 - 1.2mm
Pore diameter	~20nm
Particle density	120 - 150kg/m ³
	7.5 - 9.4lb/ft ³
Surface chemistry	1 - 1.25lb/gal (US)
	Hydrophobic
Thermal conductivity	0.012W/m.K at 25°C
	0.083Btu.in/hr.ft ² .°F at 77°F
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.

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