

Enova[®] Aerogel IC3100



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 coating applications, enabling coatings that provide functional advantages including:

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

Product features

Particle size range	2 - 40µm
Surface area	600 - 800m ² /g
Pore diameter	~20nm
Particle density	120 - 150kg/m ³ 7.5 - 9.4lb/ft ³ 1 - 1.25lb/gal (US)
Surface chemistry	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



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