



AEROPORE is a specialized carbon aerogel material for use in adsorbed natural gas storage and fugitive gas capture applications. This patented, highly pure carbon material is engineered for high density gas storage at low operating pressures.

Natural gas transportation and storage has been limited by compressed and liquid natural gas requirements. Through highly tailored pore networks and patented carbon packing techniques, **enerG2's** carbon aerogel has been optimized for a threefold increase in capacity at low tank pressure compared to compressed natural gas. AEROPORE carbon enables the redesign of transportation and storage vessels to maximize capacity and reduce infrastructure costs.

Carbon Aerogel Difference

	AEROPORE
BET Surface Area (m ² /g)	1,800
Total Pore Volume (cc/g)	0.80
Tap Density (g/cc)	0.65
Methane Uptake (V/V at 750 psi)	200
Total Metallic Impurities (ppm)	<100
Ash Content (%)	<0.02

Natural Gas Uptake

Optimized pore structure specifically designed to maximize methane adsorption for natural gas transportation applications.

Versatile Form Factor

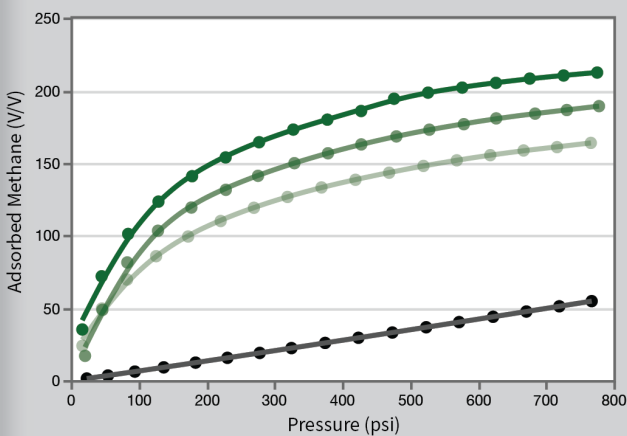
Patented carbon packing processes enables a redesign in gas transportation systems due to the increase in storage efficiency.

Reclamation Services

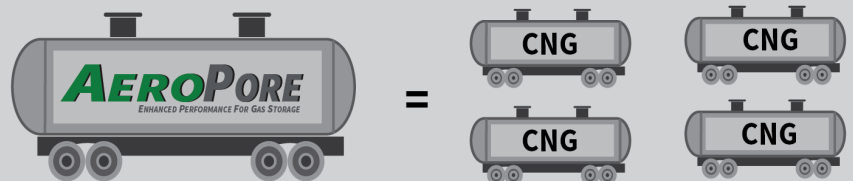
Thoughtful design and continued technical support provide easy reclamation services of carbon aerogel materials to extended product lifetime.

Customized for Gas Storage

Engineered carbon aerogel characteristics provide exceptional gas capture properties for a wide range of applications.



• AEROPORE • CNG



AeroPore provides gas storage at much lower pressures than conventional methods, enabling new applications and infrastructure to be built such as Natural Gas Virtual Pipelines.

Request a sample at
www.enerG2.com/AeroPore

