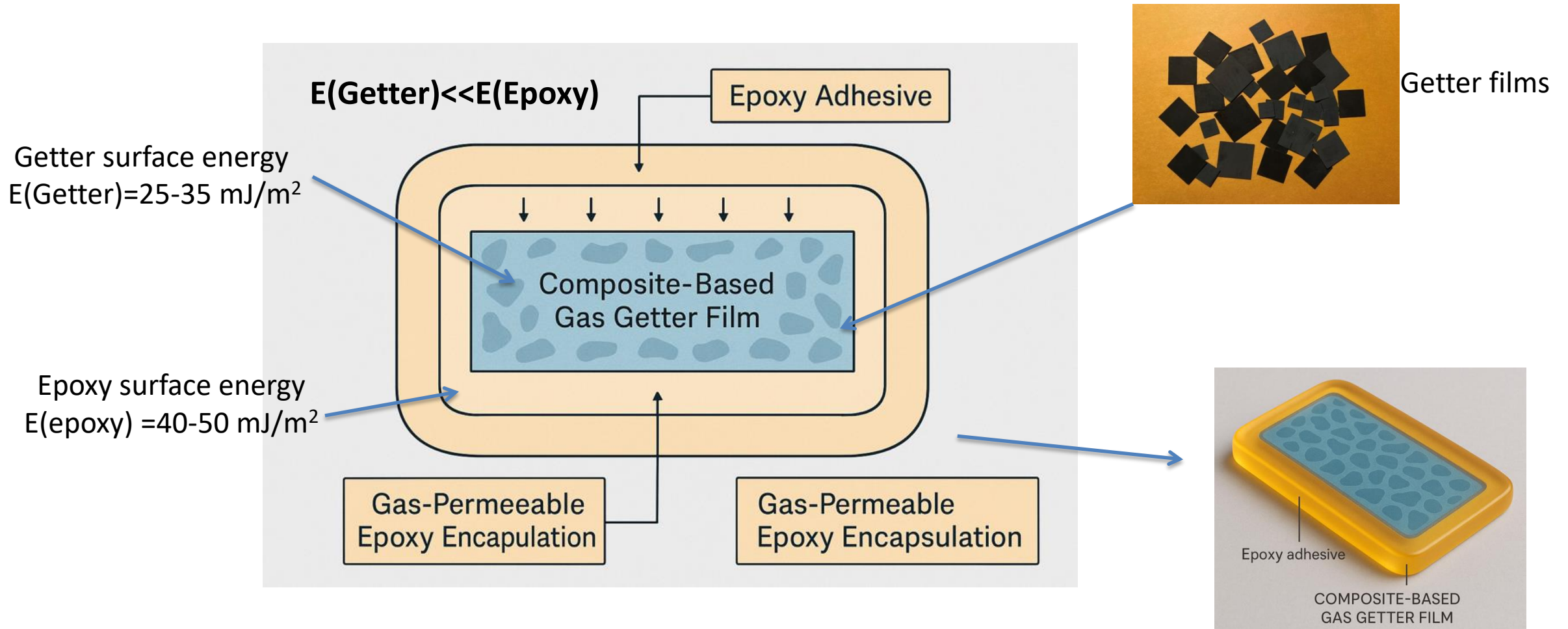
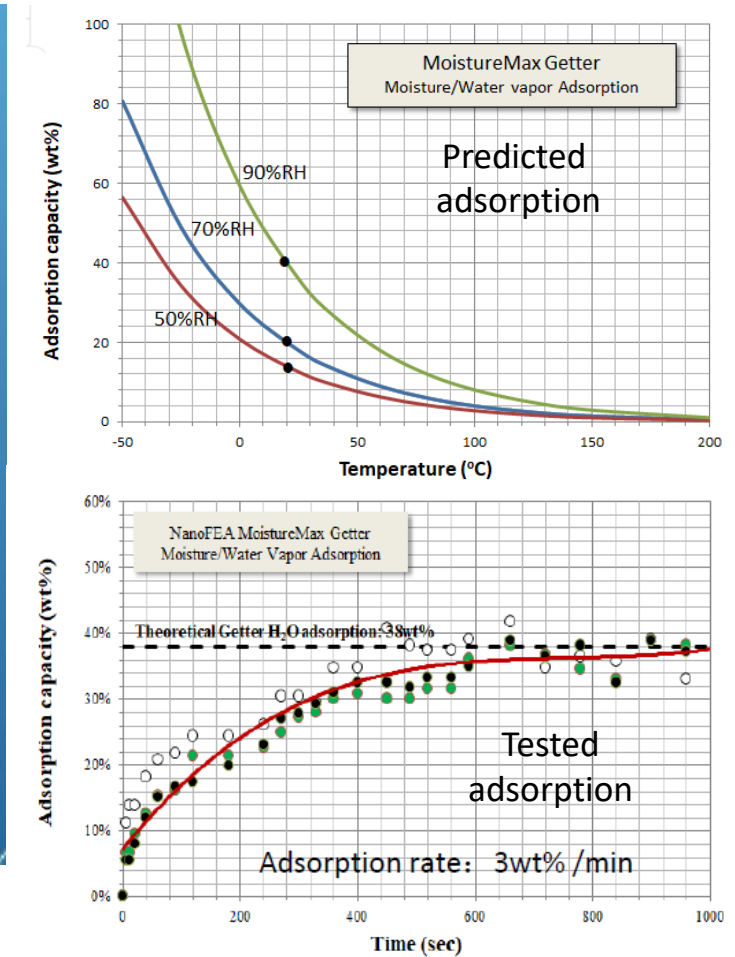
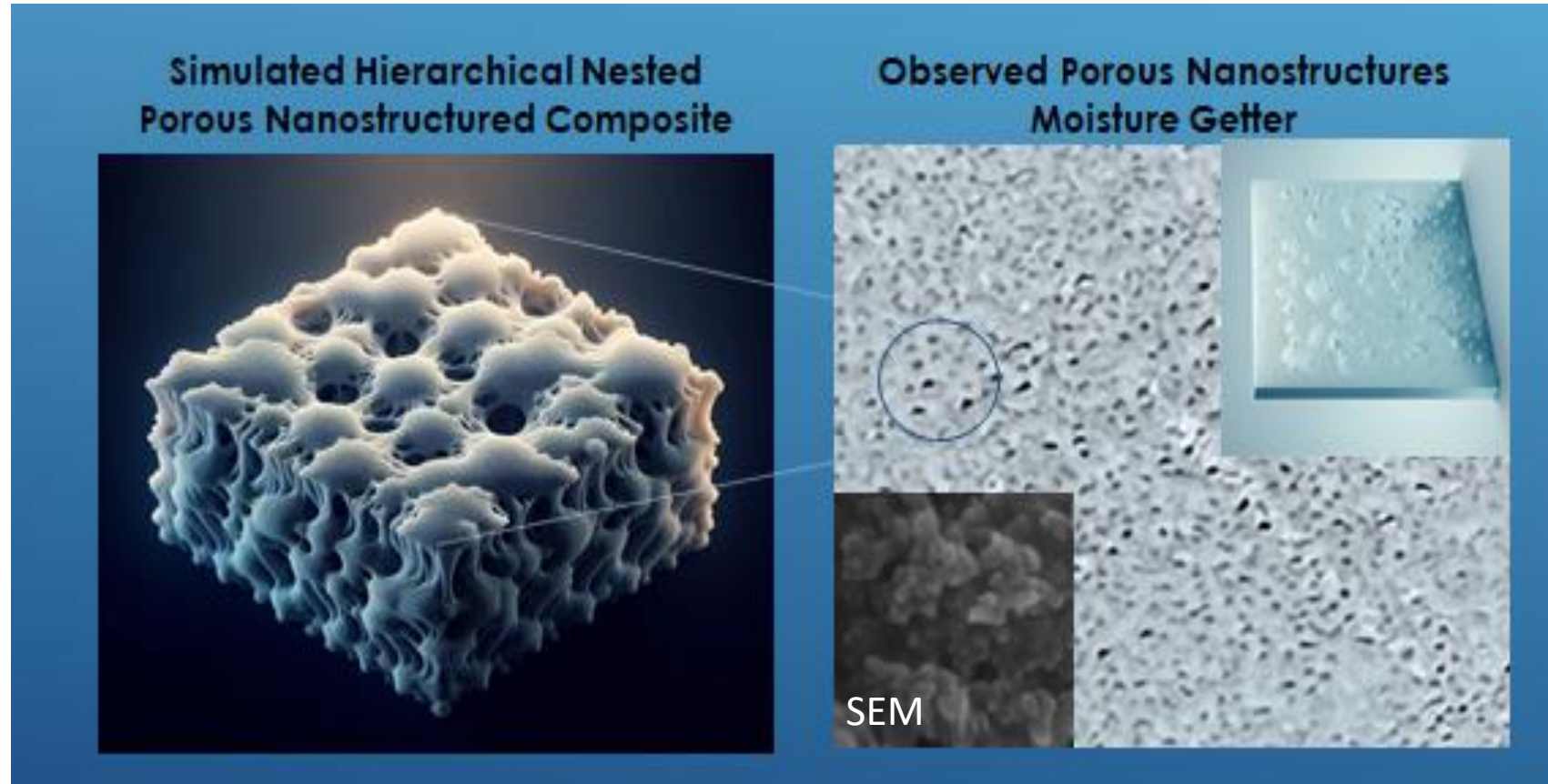


# Encapsulated Getter by Gas-Permeable Epoxy Adhesive



**NanoFEA gas-permeable epoxy or lightly cross-linked epoxies/adhesives encapsulating full getter film**

# NanoFEA High-Capacity NanoMax Getters



NanoFEA US Patent Application# 2025/0073666A1 and 2025/0091030 A1

# Epoxy Suitable for Gas-permeable

1. **Epoxy/E-Glass Composites:** Research has been conducted on the permeability of epoxy/E-glass composites using optical coherence tomography to improve permeability predictions.
2. **Silica-Filled Epoxy Composites:** Epoxy composites filled with silica nanoparticles have been studied for their permeability characteristics, showing reduced water permeability with increasing silica content
3. **Graphite/Epoxy Laminates:** Studies on graphite/epoxy composite laminates have examined gas permeability for cryogenic storage systems, which may provide insights into selecting an appropriate formulation
4. **Master Bond Epoxy Systems:** Master Bond offers specialized epoxy formulations designed for extreme temperatures. Some of their high-performance adhesives and coatings maintain flexibility and permeability within your specified range.

<https://www.masterbond.com/techtips/gas-permeability-epoxies-and-silicones>

## **For more information, please contact:**

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