



IMERYS SPECIALTY CARBON POWDERS FOR FUEL CELLS

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Carbon based materials are an essential element of the key components of fuel cells. Imerys Graphite & Carbon has a broad portfolio of high purity graphite powders, carbon based dispersions and conductive carbon blacks well suited for a variety of fuel cell technologies.

Imerys' carbon based powders and dispersions, are used in gas diffusion layers, catalyst supports and as coatings for fuel cell systems using metal bipolar plates.

Graphite powders and conductive carbon blacks are ideal for the **polymer bipolar plates** of proton-exchange membrane fuel cells (PEMFC), also known as polymer electrolyte membrane fuel cells.

Finally, our graphite powders are also used as pore formers in solid oxide fuel cell components.

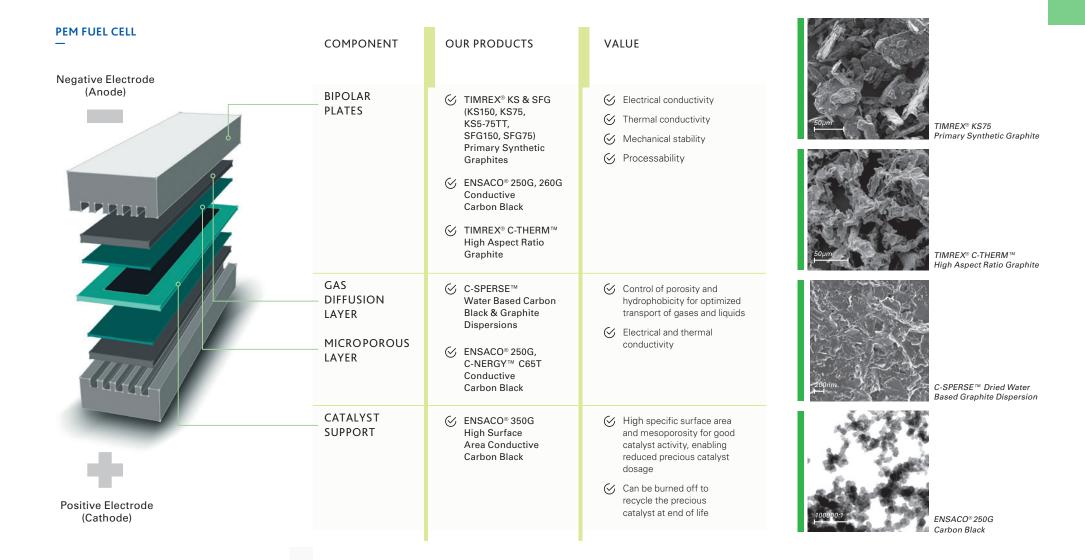
Our team of experts works closely with our customers to identify the ideal solution for their specific technological needs.

APPLICATION	END USE REQUIREMENT	IMERYS SOLUTIONS ARE FOUND IN
Stationary power generation (backup power sources)	⊗ Durability	
Passenger cars	⊘ Performance	
Heavy duty (trucks, buses)		 ⊘ Bipolar plates ⊘ Gas diffusion layer ⊘ Catalyst support
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IMERYS GRAPHITE & CARBON SPECIALTY CARBON SOLUTIONS FOR FUEL CELLS



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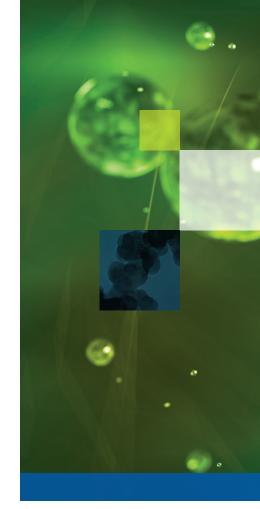
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