



Graphene Oxide Derivative as Nanofiller for Concrete





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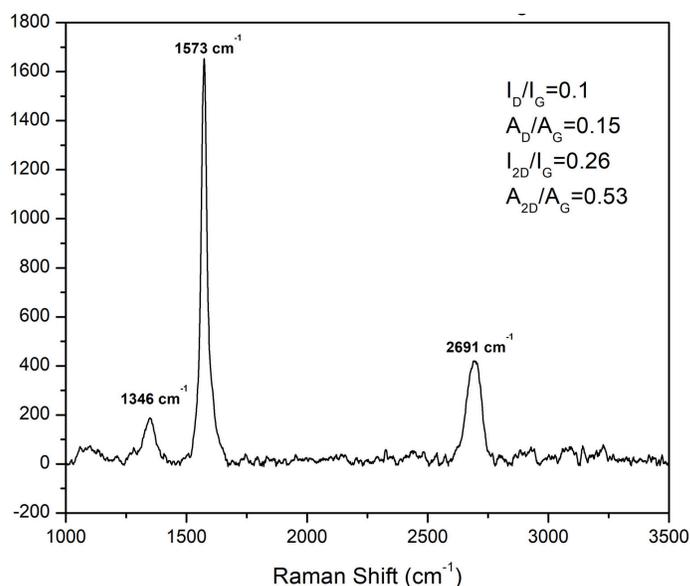
Our derivative offers superior strength, durability, and sustainability that transforms concrete performance—minimal dosage, maximum impact, proven results.

30-40% Stronger
Enhanced compressive and flexural strength at minimal loading

15-20% Less Cement
Reduced carbon footprint with maintained or improved performance

50-60% More Durable
Superior crack resistance and reduced permeability

Raman Characterization of Our Derivative:



Technical Specification of Base Material

Specific Surface Area (BET)	~250-350 m ² /g
Thickness	1-5 nm
Odour	Odourless
Solubility	Insoluble
Dispersibility	D.I Water, DMF, DMSO, NMP

The data contained in this brochure is based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, the data does not relieve processors from carrying out their own investigations and tests; neither does the data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose.