

## American Elements Lithium Vanadate Nanoparticles

Category : Ceramic

### Material Notes:

General Description Lithium Vanadate or Lithium Vanadium Oxide (LiVO) Nanoparticles, nanodots or nanopowder are spinel, high surface area particles. Nanoscale Lithium Vanadate or Lithium Vanadium Oxide Particles are typically 10 - 100 nanometers (nm) with specific surface area (SSA) in the 5 – 50 m<sup>2</sup>/g range. Nano Lithium Vanadium Oxide Particles are also available in passivated and Ultra high purity and high purity and coated and dispersed forms. Research into applications for lithium vanadate nanocrystals has focused on developing Polymer Lithium Ion (PLI) batteries, in a composite cathode for rechargeable lithium batteries to both accelerate charge and discharge time as well as for their other potential electrical, dielectric, magnetic, optical, catalytic, biomedical and bioscience properties and for use in coatings, plastics, nanowire, nanofiber and textiles and in alloy and catalyst applications.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_American-Elements-Lithium-Vanadate-Nanoparticles.php](http://www.lookpolymers.com/polymer_American-Elements-Lithium-Vanadate-Nanoparticles.php)

Physical Properties	Metric	English	Comments
Particle Size	0.010 - 0.10 µm	0.010 - 0.10 µm	
Specific Surface Area	5.0 - 50 m <sup>2</sup> /g	5.0 - 50 m <sup>2</sup> /g	

Descriptive Properties	Value	Comments
Appearance	White	

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