

American Elements Lithium Manganese Dioxide Nanoparticles

Category : Ceramic

Material Notes:

General Description Lithium Manganese Oxide (LiMnO) Nanoparticles, nanodots or nanopowder are spinel, high surface area particles. Nanoscale Lithium Manganese Oxide Particles are typically 10 - 50 nanometers (nm) with specific surface area (SSA) in the 30 – 50 m²/g range. Nano Lithium Manganese Oxide Particles are also available in passivated and Ultra high purity and high purity and coated and dispersed forms. Research into applications for lithium manganese oxide nanocrystals has focused on developing lower-cost cell component materials, such as coated or treated natural graphites for battery anodes, 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.

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http://www.lookpolymers.com/polymer_American-Elements-Lithium-Manganese-Dioxide-Nanoparticles.php

Physical Properties	Metric	English	Comments
Particle Size	0.010 - 0.050 μ m	0.010 - 0.050 μ m	
Specific Surface Area	30 - 50 m ² /g	30 - 50 m ² /g	

Descriptive Properties	Value	Comments
Appearance	Black	

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