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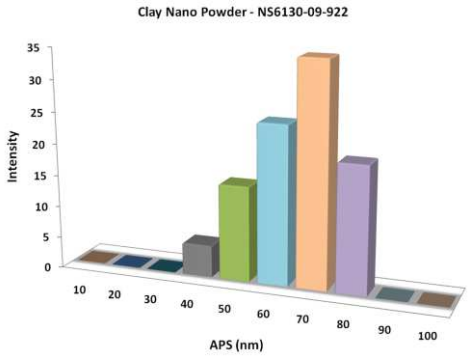
Creating Miracles in Black

Clay Nanoparticles

NS6130-09-922

The viable interest is in the utilization of nano-clays for the alteration of polymeric material for numerous applications. This may be indicated from the increased commercial interest, and utilization of clay nanocomposites. It is an organic and hydrophilic. Moreover, the nanoclays are added in the polymers to increase the mechanical properties of polymers.

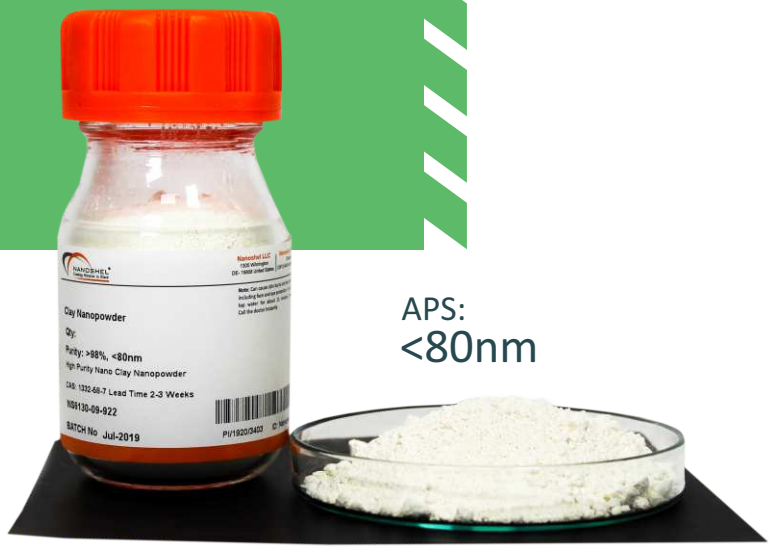
Nano-clay comprised of thin layers and each layer has a thickness of one to a few nanometers length from a few hundred to several thousand nanometers. Nanparticles are utilized as fillers or additives in polymers for variety of desirable effects are receiving an increased interest for research and development. Different types of nanoparticles, such as nanocarbon, carbon nanotubes, nano-clays, and metal oxides, are recently employed to modify the polymer performance.



Purity
>99%
CAS No.
1332-58-7

Technical Specification:

Molecular Weight	Density	Refractive Index	SSA
540.46g/mol	2.35g/cm³	1.47	50-70m2/g



APS:
<80nm

Applications:

- ✓ Medicine
- ✓ Pharmacy
- ✓ cosmetics
- ✓ Catalysis
- ✓ Food packaging
- ✓ Textile industry
- ✓ Environmental protection and remediation.

ISO 9001:2015
CERTIFIED COMPANY

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