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Clay Nanopowder Montmorillonite

NS6130-09-935

Montmorillonite (MMT) belongs to the smectite clay group. It has ample of intercalation properties, a robust adsorption, and elevated affinity to organic molecules and heavy metals owing to its intrinsic inorganic layered nanostructure. Montmorillonite is a natural inorganic material of clay category, which is actually layered aluminosilicate. It has more specific surface area with higher cation exchange capability.

Montmorillonites used in polymer compounds as functional fillers so far are based on natural sodium bentonites. It has more specific surface area and higher cation exchange capability.

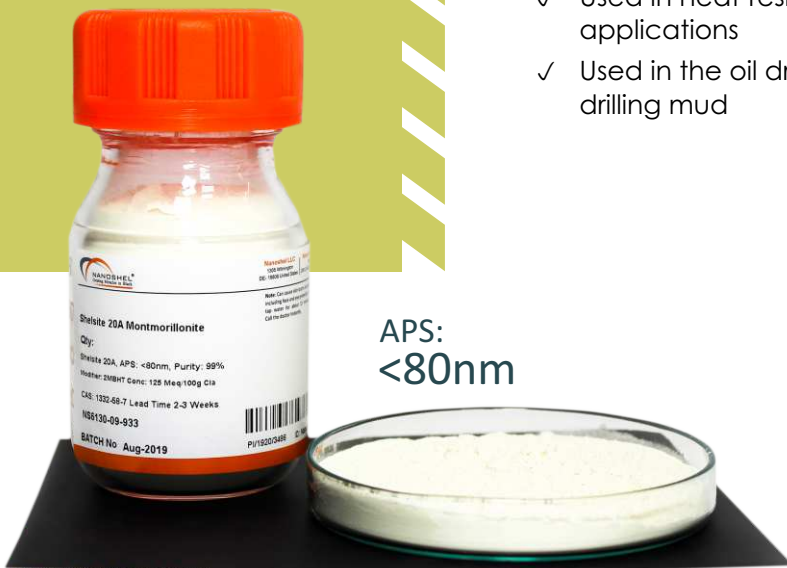
Purity
99%
CAS No.
N/A

Technical Specification:

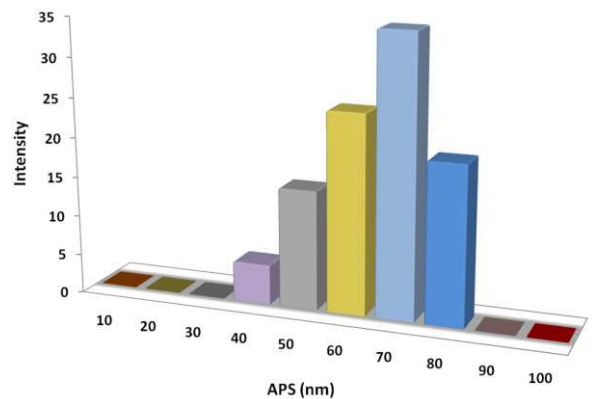
Moisture	Hardness	Density	Tensile	Flexural Modulus
< 2.5%	83	1.88g/cm ³	101 MPa	3.78 GPa

Applications:

- ✓ Use in drug delivery
- ✓ Cooking pots, Bricks, Floor tiles
- ✓ Catalysis
- ✓ Used in heat-resistant and flame-retardant applications
- ✓ Used in the oil drilling industry as a component of drilling mud



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ISO 9001:2015
CERTIFIED COMPANY



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