

Follow us:



Halloysite Nylon Composite

HNTs are aluminosilicates. They are extracted from natural deposits and are chemically similar to kaolinite. Halloysite can be found in the form of fine, tubular particles. The halloysite nanotubes have a higher intrinsic stiffness. It is used in the ceramic industry. It has remarkable tensile properties and also shows better thermo mechanical behavior. HNT in a viscous polymer matrix exhibits unique crystal structure, low density of hydroxyl functional groups, and their tubular shape.

NS6130-12-000389

Purity
99.9%
CAS No.
12068-50-7

Technical Specification:

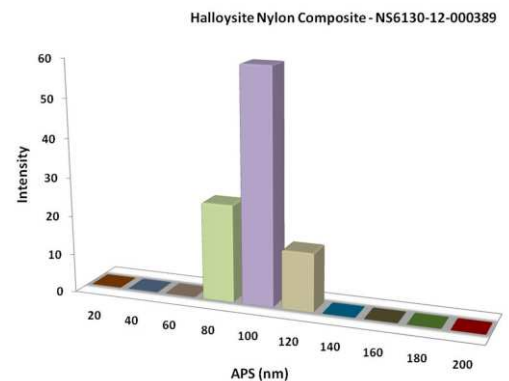
Molecular Formula	Molecular Weight	Density	pH	Boiling Point
HNT	295.19 g/mol	1.34 g/cc	4.0-6.5	100 °C

Applications:

- ✓ Ceramic industry
- ✓ Biomedical Applications
- ✓ Used as Nanofillers



APS:
80-100nm



ISO 9001:2015
CERTIFIED COMPANY



202ICE4589C

192AZG01274G

202ICE4588M

INTELLIGENT MATERIALS PVT LTD

Derabassi
Punjab (140507)
INDIA

+91 9779 550077, 9779238252

NANOSHEL UK LIMITED

Chapel House,
Chapel St Cheshire,
CW12 4AB United Kingdom

+44 1782 454 144, +44 74 105 48802

NANOSHEL LLC

3422 Old Capitol Suit
1305 Wilmington DE - 19808
United States

+1 646 470 4911