

product data

HalloPure® Halloysite Nanotubes (HNT)



I-Minerals Inc.



HalloPure®: 70%+ HNTs | ULTRA HalloPure®: 90%+ HNTs

Typical Tube Dimensions, both grades

Tube Length	1 micron
Internal Tube Diameter	20 nanometers

HalloPure®

Particle size distribution, cumulative % finer	
µm	
20	99.8
10	99.4
5	96.6
2	80.8
1	67.3

ULTRA HalloPure®

Particle size distribution, cumulative % finer	
µm	
20	99.4
10	99.5
5	99.1
2	98.3
1	93.9

Typical Chemical Analysis

	SiO ₂	Al ₂ O ₃	Na ₂ O	K ₂ O	CaO	MgO	Fe ₂ O ₃	TiO ₂	LOI
HalloPure®	48.25	36.00	0.015	0.50	0.12	0.20	1.20	0.19	13.50
ULTRA HalloPure®	47.70	36.50	0.013	0.30	0.13	0.20	1.00	0.16	14.00

Typical Mineralogy by XRD (%)

	HalloPure®	ULTRA HalloPure®
Halloysite	78.0	90.0
Kaolinite	20.0	9.5
Quartz	0.9	0.5
Feldspar	1.1	–
TAPPI/GE Brightness (%)	72.0	76.0
Oil Absorption (g/100g)	84.0	93.0
Moisture Content (% maximum)	1.0	1.0
Form	Powder	
Packaging	Sacks, IBCs, drums	

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Typical Analysis

DEVELOPMENTAL PRODUCT

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