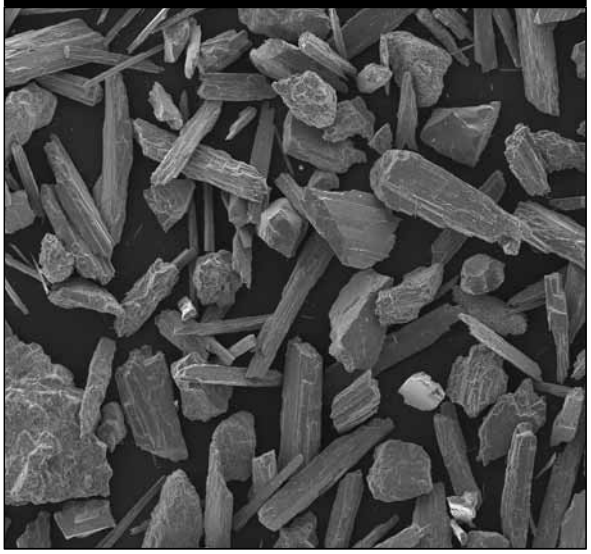
a member of IMERYS

Wollastonite

NYAD® MARC 40

TYPICAL PROPERTY	TYPICAL VALUE
BULK DENSITY LOOSE (lbs./cu.ft.) (g/cc) TAPPED (lbs./cu.ft.) (g/cc)	 86 1.38 103 1.65
MOISTURE (%)	<0.10
MINUS 20 U.S. MESH (841 MICRONS) SCREEN (%)	100
MINUS 40 U.S. MESH (400 MICRONS) SCREEN (%)	97
MINUS 60 U.S. MESH (250 MICRONS) SCREEN (%)	79
MINUS 100 U.S. MESH (149 MICRONS) SCREEN (%)	57

(X25)



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Wollastonite

NYAD® MARC 40

- **State-of-the-art processing operations**
- **World-class chemical modification technology**
- **Industry leader**
- **World-wide distribution network**
- **Customer-focused global technical support**
- **Premium quality wollastonite**

Wollastonite is a naturally occurring mineral, is non-hazardous, and is not regulated by shipping agencies. Based upon toxicological studies, there is no evidence of any significant health risks to workers

NORTH AMERICAN OPERATION
P.O. Box 368, 803 Mountain View Dr.
Willsboro, New York, 12996-0368 USA
Tel.: 518-963-4262
Fax: 518-963-1110
ISO 9001/14001 CERTIFIED

LATIN AMERICAN OPERATION
Hermosillo, Sonora, Mexico
Tel.: 52-662-289-1000
Fax: 52-662-289-1090
ISO 9001/14001 CERTIFIED

For any further information, please contact:
info.nyco@imerys.com

TYPICAL PROPERTIES	VALUE
APPEARANCE	WHITE
MORPHOLOGY	ACICULAR
MOLECULAR WEIGHT	116
SPECIFIC GRAVITY	2.9
REFRACTIVE INDEX	1.63
pH (10% SLURRY)	9.9
WATER SOLUBILITY (g/100cc)	0.0095
DENSITY (lbs./cu.ft.)	181
BULKING VALUE (gal./lbs.)	0.0413
MOHS HARDNESS	4.5
COEFFICIENT OF EXPANSION (mm/mm/°C)	6.5×10^{-6}
MELTING POINT (°C) - theoretical MELTING POINT (°C) -by ASTM D1857	1540 1410

CHEMICAL COMPOSITION: $CaSiO_3$	
COMPONENT	TYPICAL VALUE (%)
CaO	45.72
SiO_2	46.52
Fe_2O_3	0.25
Al_2O_3	0.25
MnO	0.02
MgO	0.71
TiO_2	0.05
K_2O	0.20
Wt. Loss (1000°C)	6.30