

# NYAD<sup>®</sup> 400

IMERYS PERFORMANCE ADDITIVES

1732 N. First Street, Suite 450  
San Jose, CA 95112

NYAD 400 is a very high-purity wollastonite recommended for a wide range of architectural and industrial (liquid or powder) coatings where a 4-Hegman functional extender pigment is required. NYAD 400 offers excellent coatings reinforcement and mechanical properties due to its acicular morphology, very high whiteness for white coatings applications, plus low binder demand for minimal impact to coatings rheology.

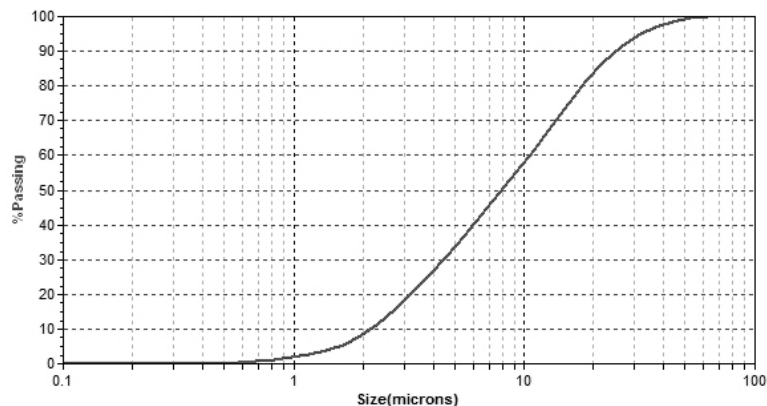
## TYPICAL PROPERTIES

Appearance	White
Morphology	Acicular
Aspect ratio (L:D)	3:1
Relative particle size ( $\mu\text{m}$ )	8x24
G.E. Brightness	92
Surface area (BET)	1.8 $\text{m}^2/\text{g}$
Loose bulk density	0.70 $\text{g}/\text{cm}^3$ (44 $\text{lbs}/\text{ft}^3$ )
Tapped bulk density	1.10 $\text{g}/\text{cm}^3$ (69 $\text{lbs}/\text{ft}^3$ )
Specific gravity	2.9
Hardness (Mohs' scale)	4.5
pH (10% slurry)	9.9
Oil absorption	22 $\text{g}/100 \text{g}$

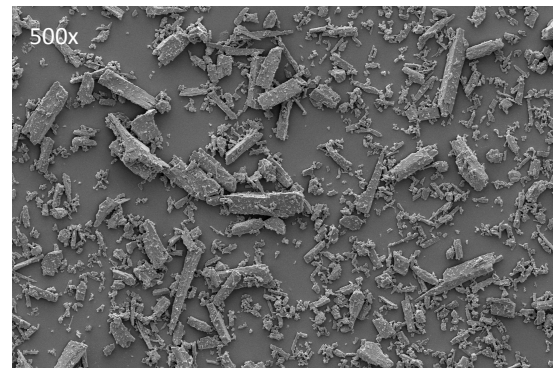
## PARTICLE SIZE DISTRIBUTION CURVE

Laser diffraction, Mie Theory

Median diameter: 8  $\mu\text{m}$



## MICROGRAPH (BY SCANNING ELECTRON MICROSCOPY)



*Notice: Although the data listed are typical, they are not production specifications. The supplier provides the data in good faith, however it makes no warranty or representation of any kind, express or implied, regarding the information given or product described including any warranty of suitability for a particular purpose.*

For more information, please visit [www.imerys-performance-additives.com](http://www.imerys-performance-additives.com)

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