



DATA SHEET
NYACOL® AL10.7 – Alkaline Alumina Sol

Colloidal Performance Materials

NYACOL® COLLOIDAL ALUMINA

NYACOL® AL10.7 is a new development in colloidal alumina. AL10.7 is a negatively charged alumina sol offered at pH 7. The product has a dispersed size of 150 – 200 nm.

AL10.7 applications include:

- Colloidal alumina rigidizer.
- Catalyst wash-coats and formulated catalysts.
- Paper coatings for ink receptive coatings.
- Lithium ion battery separator and cathode coatings.

TYPICAL PROPERTIES

	AL10.7
(AlO(OH)), wt.%	12
Aluminum content expressed as Al ₂ O ₃ , wt.%	10
Particle Size by DLS, Z-Avg.	190
Zeta Potential, mV	-57
pH	7.3
Specific Gravity	1.10
Viscosity, cP	25
Sodium, ppm	<50

PACKAGING

NYACOL® AL10.7 is available in 55-gallon plastic drums or 5-gallon pails. Customized packaging is available.

STORAGE

NYACOL® AL10.7 should not be subjected to temperatures of 32°F or below to avoid freezing.

SAFETY

NYACOL® AL10.7 may cause eye and skin irritation. Users should observe precautions printed on the package label. A Safety Data Sheet for this product will be supplied on request.

FOR ADDITIONAL INFORMATION OR TO PLACE AN ORDER

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