



Data Sheet
NYACOL® AL-A4

NYACOL® Crystalline Alumina Dispersion AL-A4

SUMMARY

NYACOL is offering a crystalline alumina dispersion on a developmental basis. The product has a dispersed size of 250 nm. AL-A4 is a well crystallized alpha alumina supplied at alkaline pH and solids of 15–20%. The abrasive particles in AL-A4 have a Mohs hardness value of 8 and higher.

TYPICAL PROPERTIES

Parameter	AL-A4
Crystal Form:	Alpha
Purity, %:	99.9
Median Particle Size, nm:	250
Surface Area, BET, m ² /g:	4 - 8
Solids, wt. %:	15 - 20
pH:	8 - 9
Viscosity, cPs:	3-8
D50 Particle Size, μ	0.2 - 0.3
Hardness, Mohs	9

APPLICATIONS

The product is designed for polishing of metals, glass, sapphire and plastics, or as a filler for abrasion resistant coatings.

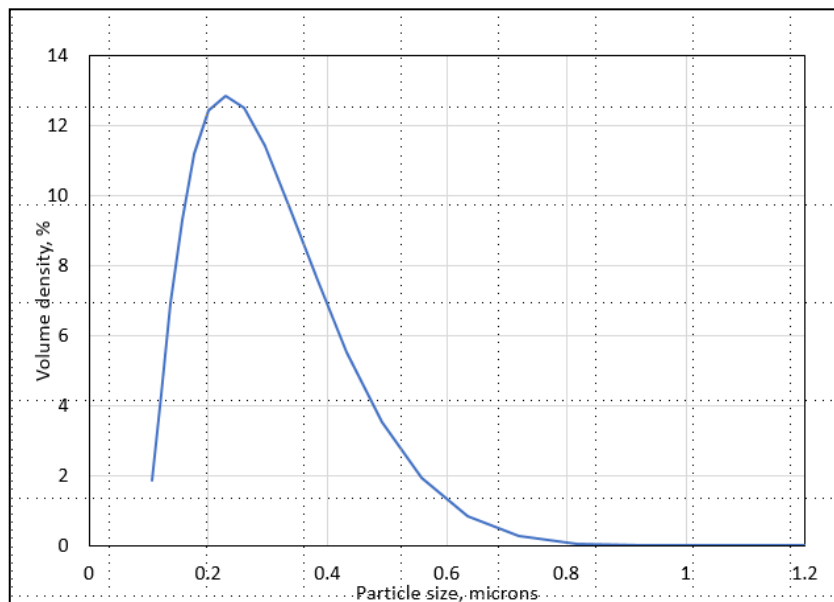
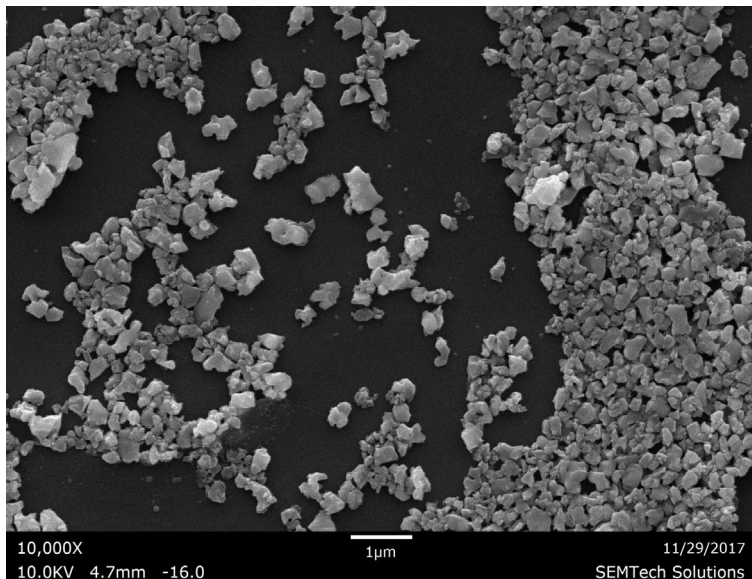
STORAGE

The product should not be subjected to temperatures of 32°F or below to avoid freezing.

SAFETY

Users should observe precautions printed on the package label. A Safety Data Sheet for this product will be supplied on request.

SEM AND PSD: AL-A4



FOR ADDITIONAL INFORMATION OR TO ORDER MATERIAL

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