



DATA SHEET NYACOL® ITO-W

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Colloidal Indium Tin Oxide

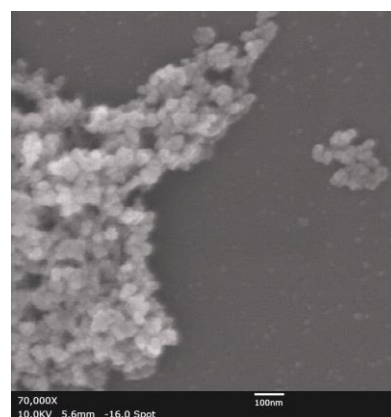
NYACOL ITO-W is a colloidal dispersion of indium tin oxide (ITO) in water. The stable colloidal dispersion enables a variety of low cost deposition techniques compared to traditional sputter deposition of ITO. The material's unique optical and electrical properties make it useful for applications including infrared reflective coatings (hot mirrors, low-e windows), transparent conductors, antistatic coatings, and solar cells.

TYPICAL PROPERTIES

	ITO-W
Indium Tin Oxide (wt%)	20
Solution color	Blue
Particle Diameter ¹ (nm)	100
Viscosity (cP)	20

1 – Volume average by Photon Correlation Spectroscopy.

SEM of dried ITO-W



SAFETY

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 ORDER MATERIAL

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