



Data Sheet  
NYACOL TiSOL

NYACOL® TiSOL  
COLLOIDAL TITANIUM DIOXIDE

## NYACOL® TiSol

### SUMMARY

NYACOL TiSol is an aqueous dispersion of titanium dioxide that is designed for use in coatings and catalyst applications. TiSol provides a high index of refraction for coatings and excellent transparency as a result of the small particle size. TiSol can also be used as a transparent UV absorber.

### TYPICAL PROPERTIES

	TiSol
Titanium Dioxide, wt%	20
pH	1.5
Specific Gravity	1.21
Viscosity, cP	10
Particle Diameter, nm*	10

\* Volume average by Photon Correlation Spectroscopy.

### HANDLING

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

### SAFETY

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

### FOR ADDITIONAL INFORMATION OR TO ORDER MATERIAL

Nyacol Nano Technologies, Inc.  
Megunko Road  
P.O. Box 349  
Ashland, MA 01721-0349 U.S.A.

Telephone: 508-881-2220  
Toll-Free: 800-438-7657  
Fax: 508-881-1855  
Internet: [www.nyacol.com](http://www.nyacol.com)

Information herein is accurate to the best of our knowledge. Suggestions are made without warranty or guarantee of results. Before using, user should determine the suitability of the product for the intended use and user assumes the risk and liability in connection therewith. We do not suggest violation of any existing patents or give permission to practice any patented invention without a license. 7/10

NYACOL is a trademark of Nyacol Nano Technologies, Inc.  
P.O. Box 349, Ashland, MA 01721-0349 USA Tel.: 508-881-2220