



DATA SHEET
NYACOL ZR 10/15

Colloidal Zirconium Oxide

NYACOL ZR 10/15

Nyacol Nano Technologies, Inc. offers colloidal zirconium oxides for use as a binder in ceramic and catalyst applications, a passivation agent, and an anti-scuff agent on glass. ZR 10/15 also provides a high index of refraction for coatings and excellent transparency as a result of the small particle size.

TYPICAL PROPERTIES

	ZR 10/15
ZrO ₂ , wt.%	15
Particle Size, nm	5 - 15
Refractive Index:*	1.9
pH	2.0 - 3.0
Specific Gravity	1.15
Viscosity, cP	5 to 10
Particle Charge	Positive
Counter Ion	Nitrate

* Particle refractive index calculated from solids contribution to measured solution refractive index

PACKAGING

NYACOL ZR 10/15 is available in 55-gallon plastic drums with a net weight of 500 pounds or in 5-gallon pails with a net weight of 44 pounds.

SAFETY

NYACOL ZR 10/15 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.

STORAGE

NYACOL ZR 10/15 should not be subjected to temperatures of 32°F or below to avoid freezing.

FOR ORDERS OR ADDITIONAL INFORMATION

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