



DATA SHEET
NYACOL® CERIA

Colloidal Performance Materials

NYACOL® COLLOIDAL CERIA: CEO2(AC), CEO2(AC)-30 AND CEO2(NO3)

NYACOL CEO2 (Cerium Oxide) is designed for use in automotive and other catalyst production, as a zirconium stabilizer in ceramic applications, and in glass polishing and coating applications.

TYPICAL PROPERTIES

	CEO2(AC)	CEO2(AC)-30	CEO2(NO3)
CeO ₂ , weight %:	20	30	20
Particle Size, nm:	10 – 20	10 – 30	10 – 20
Particle Charge:	Positive	Positive	Positive
pH:	3.0	3.0	1.5
Specific Gravity:	1.22	1.36	1.22
Viscosity:	10	10	10
CeO ₂ / Counter Ion, mol/mol:	0.4 Acetate	0.4 Acetate	0.20 Nitrate

PACKAGING

NYACOL CEO2 is available in 5 or 55-gallon plastic drums.
Packaging in smaller containers, or containers of alternate materials, is available upon request.

STORAGE

NYACOL CEO2 should not be subjected to temperatures of 32°F or below to avoid freezing.
If the product freezes, warm slowly and stir well before use.

SAFETY

NYACOL CEO2 is acidic and may cause eye and skin irritation. Users should observe precautions printed on the package label. A Material Safety Data Sheet (MSDS) for this product will be supplied on request.

FOR ADDITIONAL INFORMATION OR TO PLACE AN ORDER

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