

Colloidal Performance Materials

NYACOL[®] CTO

Cesium Tungsten Oxide

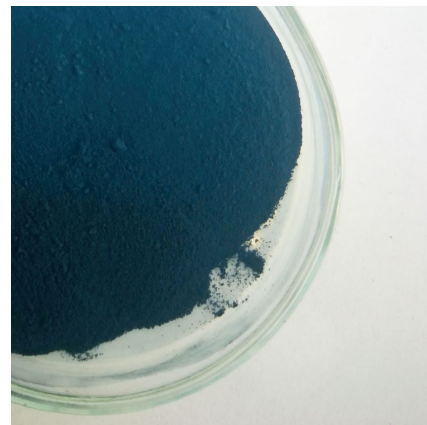
NYACOL CTO is being offered on a developmental basis. NYACOL CTO is a dark blue powder and can be supplied as an untreated powder, a surface modified powder or colloidal dispersion.

Doped tungsten oxides offer the highest performance in terms of IR absorption with good transparency. The IR absorption starts in the mid-700 nm range, much lower than ITO or ATO.

The selection of the product to use will depend on the polymer type being compounded, or the coating system to be evaluated. Consult NYACOL technical service for a recommendation.

TYPICAL PROPERTIES

Solids, %:	<u>CTO</u> 99
Form:	Powder
Surface Area, BET:	>10 m ² /g
Functionalized:	No
Appearance:	Dark Blue



SAFETY

Users should observe precautions printed on the package label. A Safety Data Sheet (SDS) for these products will be supplied on request.

TO ORDER MATERIAL OR FOR INFORMATION

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