

C-TEC™ MOLYBDIC OXIDE

CT-MO

Typical Physical Properties

Average Particle Size (microns)	2.5
99.9% Less Than (microns)	32
Bulk Density (lb/ft ³)	15
Specific Gravity	4.7
Loss on Ignition at 600 °C (%)	<6.0

C-TEC™ CT-MO molybdic oxide is a high purity, free-flowing, pale blue-gray powder utilized in polymers primarily as a smoke suppressant.

Typical Chemical Properties

Analysis (theory)	Mo 66.65%
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APPLICATIONS: CT-MO is designed to help formulators achieve reduced levels of smoke with high levels of flame retardancy in rigid and flexible PVC and PVC alloys and adhesives. Specific applications have also been developed in urethanes, elastomers and other polymers. Products made with CT-MO are used in transportation, construction and wire & cable markets, where stringent smoke and flammability standards, such as UL 910 and ASTM E84, must be met. Typical uses include jacketing and insulation for plenum and riser; profiles, wall coverings and upholstery for high risk buildings; and extrusions for subways and aircraft interiors. For color sensitive applications the customer should use C-TEC Ammonium Octamolybdate (CT-AOM) which is a white material.

HEALTH AND SAFETY: Refer to the Material Safety Data Sheet

PACKAGING: 50 lb. bags, pallet weight 2000 lbs.

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