



Research Catalysts, Inc.

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OxiGone 150 Deoxo Catalyst

OxiGone is RCI's tradename for supported precious metal catalysts used in catalytic oxidation (CATOX or DEOXO reactions) – whether for O₂ removal from gases, oxidation of organics in product or process streams, or the destruction of VOCs in vent gases.

OxiGone 150 is a high activity Pd on Al₂O₃ catalyst excellent for O₂ removal by reaction with H₂, CO or hydrocarbons, for oxidation of organics for CO₂ purification for the beverage industry, treatment of natural gas or biogas to meet pipeline O₂ specifications, or VOC abatement for environmental purposes. For applications support or reactor design assistance, please contact us at sales@researchcats.com.

Composition:

Component	Wt% (*)
Palladium	0.5 %
Alumina	Balance

* nominal, dry basis



Typical Properties:

Particle size/shape	2-4 mm Beads
Sock-load density	~750 kg/m ³
Max. Temperature	See Note 1

NOTE 1: Maximum recommended temperature for continuous operation is 500°C (932°F). Excursions above this temperature level should be minimized in order to obtain the maximum lifetime from this catalyst.

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