

## Technical data sheet

# POLYCAT - PA PO

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### Chemical composition

POLYCAT – PA PO is a mixed oxide catalyst supported on inert material. Main components are  $TiO_2$  and  $V_2O_5$ .

### Product specification

Characteristics	Unit	Value	Method*	Reference
<b>4L06</b>				
Bulk density	g/ml	1.17 ± 0.05	GM031	
Active mass referred to support	(wt)%	7.5 min	G032	
<b>3L01</b>				
Bulk density	g/ml	1.17 ± 0.05	GM031	
Active mass referred to support	(wt)%	9 min	G032	

\* Internal methods available upon request.

## Typical properties

Characteristics	Unit	Value
State of aggregation		solid
Form		rings
Colour		yellow-green
Odour		odourless

## Main applications

POLYCAT - PA PO is a multi-layer gas phase oxidation catalyst, for the production of phthalic anhydride from o-xylene, suitable for a load of 90 g. o-xylene/Nm<sup>3</sup> air.

## Handling

- Packaging: Single bag containing the right amount for one single tube. Bags are placed in 60 liter polyethylene lined steel drums.
- Storage: Keep container tightly closed. To maintain product quality, do not store in heat or direct sunlight. Keep in a dry, cool and well-ventilated place.
- Shelf life: Several years if properly stored.

*The information contained in this sheet is correct and accurate and is based on our technical and scientific knowledge and on literature at the date of going to press. Such information relates only to use of the products in the pure state and for the purposes stated herein. Nothing stated here may be taken or construed as implying of any existing patents. Nor is any warranty, whether explicit or implicit, given with regard to results to be obtained through the use of the aforesaid information.*