

Product Data Sheet VOC (Volatile Organic Compounds) Abatement Catalyst

PPd-30

1. Composition

Support material:	Alumina(Al_2O_3)
Active component:	Palladium(Pd)

Palladium loadings on Al_2O_3 carrier	
Ppd-30 / 13	0.13 wt% Pd
Ppd-30 / 25	0.25 wt% Pd
Ppd-30 / 47	0.47 wt% Pd
Ppd-30 / 72	0.72 wt% Pd

2. Sales specification

Shape	Spheres	
Diameter range:	2 - 4 mm	
Packing density:	0.75 kg/dm^3	(47 lbs/ft^3)
Crush strength (knife edge hardness):	5 kg	>11 lbs

3. Life time in process

Typical lifetime of the PPd-30 catalyst ranges from five to 10 years depending on operating conditions. Presence of deactivating agent in the gas flow to be treated will shorten the lifetime. Common deactivating agents are: sulphur, chlorine, silicon, dust and heavy metals.

4. Storage of the catalyst

The catalyst must be stored in its original packing in a dry, solvent-free location at room temperature and not be subject to mechanical influences.

5. Used catalyst

Used catalyst may be returned to Stonemill AB for environmentally safe disposal.