



# Heterogeneous Catalyst Kits



metals · inorganics · organometallics · catalysts · ligands · custom synthesis · cGMP facilities · nanomaterials

## 96-6670 Evonik Heterogeneous Catalyst Kit 1 kit

Contains a 10g unit of each of the 12 items listed below. Weight is quantity contained.

46-1740	Palladium, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P1090
46-1743	Palladium, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P1093
46-1747	Palladium, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P1092
46-1706	Palladium, 10% on activated carbon, Pearlman (50-70% wetted powder) Evonik Noblyst® P1070
46-1703	Palladium, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P1086
46-1750	Palladium, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P1109
78-1530	Platinum, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P2058
78-1534	Platinum, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P2060
78-1536	Platinum 1% and vanadium 2%, on activated carbon (50-70% wetted powder) Evonik Noblyst® P8078
78-1540	Platinum, 3% on activated carbon, sulfided (50-70% wetted powder) Evonik Noblyst® P2065
44-4060	Ruthenium, 5% on activated carbon, (50-70% wetted powder) Evonik Noblyst® P3060
45-1863	Rhodium, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P3053

Available in 10g and 50g sizes

## 96-6672 Evonik Heterogeneous Palladium Catalyst Kit 1 kit

Contains a 10g unit of each of the 6 items listed below. Weight is quantity contained.

46-1740	Palladium, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P1090
46-1743	Palladium, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P1093
46-1747	Palladium, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P1092
46-1706	Palladium, 10% on activated carbon, Pearlman (50-70% wetted powder) Evonik Noblyst® P1070
46-1703	Palladium, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P1086
46-1750	Palladium, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P1109

Available in 10g and 50g sizes

## 96-6674 Evonik Heterogeneous Catalyst Kit for Selective Hydrogenation 1 kit

Contains a 10g unit of each of the 6 items listed below. Weight is quantity contained.

78-1530	Platinum, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P2058
78-1534	Platinum, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P2060
78-1536	Platinum 1% and vanadium 2%, on activated carbon (50-70% wetted powder) Evonik Noblyst® P8078
78-1540	Platinum, 3% on activated carbon, sulfided (50-70% wetted powder) Evonik Noblyst® P2065
44-4060	Ruthenium, 5% on activated carbon, (50-70% wetted powder) Evonik Noblyst® P3060
45-1863	Rhodium, 5% on activated carbon (50-70% wetted powder) Evonik Noblyst® P3053

Available in 10g and 50g sizes

Evonik's Heterogeneous Catalyst Kit (Strem 96-6670) is comprised of Evonik's Heterogeneous Palladium Catalyst Kit (Strem 96-6672) and Evonik's Heterogeneous Catalyst Kit for Selective Hydrogenation (Strem 96-6674).

Visit [www.strem.com](http://www.strem.com) for new product information and searchable catalog.

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Strem Catalog No. Noblyst® nomenclature Application \ Catalyst	#96-6670 - Heterogeneous Catalyst Kit											
	#96-6672 - Palladium Catalyst Kit						#96-6674 - Selective Hydrogenation Kit					
	46-1706	46-1703	46-1740	46-1747	46-1743	46-1750	78-1530	78-1534	78-1540	45-1863	44-4060	78-1536
	Noblyst® P 1070 10% Pd	Noblyst® P 1086 5% Pd	Noblyst® P 1090 5% Pd	Noblyst® P 1092 5% Pd	Noblyst® P 1093 5% Pd	Noblyst® P 1109 5% Pd	Noblyst® P 2058 5% Pt	Noblyst® P 2060 5% Pt	Noblyst® P 2065 3% Pt	Noblyst® P 3053 5% Rh	Noblyst® P 3060 5% Ru	Noblyst® P 8078 1% Pt
Hydrogenation of C=C Double Bonds		●		○	●	○						
Hydrogenation of CN Bonds	○		○	●		●	○	●		●		
Reduction of the C=O Group		○		●	○	●				●	●	
Hydrogenation of Nitro Groups	●	●		●	○	○	●	○	○			●
Hydrogenolysis Reactions (Deprotections, Dehalogenations, etc.)	○		●	●		○						
Reductive Alkylation and Amination		●	○	○	●				●			
Hydrogenation of (Hetero) Aromatic Rings		●	○	●	○		○	○		●	●	
Oxidations (Alcohols and Sugars)							●	●				
CC Coupling Reactions	○			●	●	○						

○ recommended

● preferred

Note: Please refer to the different reaction classes in the Evonik manual for more detailed information regarding selectivity, activity and reaction conditions.

This sample kit is designed as an entry point to find a suitable catalyst. Please contact one of our technical specialists for further recommendations.

Most often the catalyst performance can be improved significantly by tailoring the catalyst to your requirements.

The recommendations given above are believed to be accurate at the time of publication, but EVONIK makes no warranty with respect thereto, including but not limited to any results to be obtained or the infringement of any proprietary right.

Visit [www.strem.com](http://www.strem.com) for new product information and searchable catalog.

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