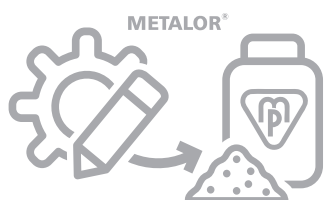




HETEROGENEOUS CATALYSTS

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DESCRIPTION	NAME	CAS NUMBER	METAL	APPLICATION
Pd/C 5%	NBDCat V211-U5	7440-05-3	5% Pd	Hydrogenation, reductive amination and alkylation, hydrogenolysis, dehydrogenation, Sel-Ox
Pd/C 5%	NBDCat V241-R5	7440-05-3	5% Pd	Selective hydrogenation acetylenes to olefins, hydrodehalogenation, hydrogenation of acid chlorides to aldehydes
Pd/C 5%	NBDCat V262-R5	7440-05-3	5% Pd	Hydrogenation acetylenes to olefins, hydrodehalogenation, hydrogenation of acid chlorides to aldehydes
Pd/C 10%	LysCat A101-U10	7440-05-3	10% Pd	Hydrogenation, reductive amination and alkylation, hydrogenolysis, dehydrogenation, Aromatic Sel-Ox
Pd/C 10%	NBDCat V251-R10	7440-05-3	10% Pd	Selective hydrogenation acetylenes to olefins, hydrodehalogenation, hydrogenation of acid chlorides to aldehydes
Pd/C 20%	LysCat A211-U20	7440-05-3	20% Pd	Hydrogenation, reductive amination and alkylation, hydrogenolysis, dehydrogenation, aromatic Sel-Ox
Pd/C 23%	LysCat A111-U23	7440-05-3	23% Pd	Hydrogenation, reductive amination and alkylation, hydrogenolysis, dehydrogeantion, aromatic Sel-Ox
Pd/Al ₂ O ₃	NBDCat T711-U5	7440-05-3	5% Pd	Hydrogenation of nitro, N- and O-debenzylolation



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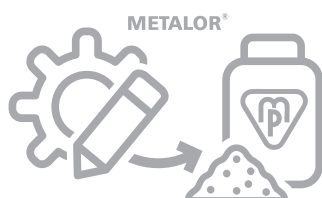
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DESCRIPTION	NAME	CAS NUMBER	METAL	APPLICATION
Pd/CaCO ₃	NBDCat S801-R5	7440-05-3	5% Pd	Selective hydrogenation of alkynes, nitro reduction to hydroxylamine
4% Pd + 1% Pt/C	NBDCat U21-R4-1	7440-05-3 7440-06-4	4% Pd 1% Pt	Hydrogenation of nitro, immines, reductive alkylation, N-debenzylation, Sel-Ox
2.5% Pd + 2.5% Pt/C	NBDCat U21-R2-2	7440-05-3 7440-06-4	2.5% Pd 2.5% Pt	Hydrogenation of nitro, aliphatic nitriles, immines, dehydrogenation
Pt	Platinum black	7440-06-4	99.9% Pt	Hydrogenation, reductive animation and alkylation, hydrogenolysis, dehydrogenation
PtO ₂	Platinum (IV) oxide Adam's catalyst	1314-15-4	85.9% Pt	Hydrogenation, reductive animation and alkylation, hydrogenolysis, dehydrogenation
Pt/C 1%	LysCat B601-R1	7440-06-4	1% Pt	Hydrogenation of aldehydes/ketones to alcohol, aliphatic and aromatic nitro, immines, dehydrogenation
Pt/C 5%	NBDCat W201-R5	7440-06-4	5% Pt	Hydrogenation of aldehydes/ketones to alcohol, aliphatic and aromatic nitro, immines, reductive amination, dehydrogenation, Sel-Ox
1% Pt + 2% V/C	LysCat D11-R1	7440-06-4	1% Pt	Hydrogenation of halonitroaromatics to aromatic haloamines



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