

12 in total

Trade name	Empirical formula	Metal	Theoretical metal content	CAS Number	Product number
Umicore Grubbs Catalyst M203	(IMes)Ru(PCy ₃)(Ind)Cl ₂	Ru	11	254972-49-1	3000110972
Umicore Grubbs Catalyst M209	(IMes)Ru(PCy ₃)(2-thienylmethylene)Cl ₂	Ru	12	1190427-49-6	3000110971
Umicore Grubbs Catalyst M208	[(Me) ₂ -IMes]Ru(PCy ₃)(2-thienylmethylene)Cl ₂	Ru	11	1190427-50-9	3000110970
Umicore Grubbs Catalyst M205	(³ benzylidene)Cl ₂	Ru	13	927429-60-5	3000110726
Umicore CX135 - Pd(tBuXPhos)G3	Pd(^t BuXPhos)[2-(2'-amino-1,1'-biphenyl)](Ms)	Pd	13.4	1447963-75-8	3000087791
Umicore CX136 - Pd(Xantphos)G3	Pd(Xantphos)[2-(2'-amino-1,1'-biphenyl)](Ms)	Pd	11	1445085-97-1	3000086860

Your regional Umicore customer expert
Umicore Precious Metals Chemistry USA, LLC

1305 Main Parkway
Catoosa, OK 74015
Tel. +1 (918) 266 4826
phillip.chalabi@am.umicore.com

Trade name	Empirical formula	Metal	Theoretical metal content	CAS Number	Product number
Umicore CX133 - Pd(RuPhos)G3	Pd(RuPhos)[2-(2'-amino-1,1'-biphenyl)](Ms)	Pd	13	1445085-77-7	3000085984
Umicore CX123 - Pd(RuPhos)G2	Pd(RuPhos)[2-(2'-amino-1,1'-biphenyl)]Cl	Pd	14	1375325-68-0	3000085838
Umicore CX132 - Pd(XPhos)G3	Pd(XPhos)[2-(2'-amino-1,1'-biphenyl)](Ms)	Pd	13	1445085-55-1	3000085837
Umicore CX131 - Pd(SPhos)G3	Pd(SPhos)[2-(2'-amino-1,1'-biphenyl)](Ms)	Pd	14	1445085-82-4	3000085817
Umicore CX122 - Pd(XPhos)G2	Pd(XPhos)[2-(2'-amino-1,1'-biphenyl)]Cl	Pd	13	1310584-14-5	3000036047
Umicore CX121 - Pd(SPhos)G2	Pd(SPhos)[2-(2'-amino-1,1'-biphenyl)]Cl	Pd	15	1375325-64-6	3000081669

Your regional Umicore customer expert
Umicore Precious Metals Chemistry USA, LLC

1305 Main Parkway
Catoosa, OK 74015
Tel. +1 (918) 266 4826
phillip.chalabi@am.umicore.com