

## 23 in total

Trade name	Empirical formula	Metal	Theoretical metal content	CAS Number	Product number
Umicore Hoveyda-Grubbs Catalyst MZ1c (C633)		Ru	16	1352916-84-7	3000083181
Umicore Hoveyda-Grubbs Catalyst MZ2c (C675)		Ru	15	1451807-77-4	3000083086
Umicore Grubbs Catalyst M80b (C853-bis)	(SI Mes) <sub>2</sub> Ru(butenylidene) Cl <sub>2</sub>	Ru	12		3000083085
Umicore Grubbs Catalyst M80a (C875-bis)	(SI Mes) <sub>2</sub> Ru(benzylidene) Cl <sub>2</sub>	Ru	12	508172-19-8	3000083057
Umicore Hoveyda-Grubbs Catalyst M70 (C601)		Ru	17	203714-71-0	3000082894
Umicore Grubbs Catalyst M2a (C848)	( SI Mes) Ru(PCy <sub>3</sub> ) (benzylidene)Cl <sub>2</sub>	Ru	12	246047-72-3	3000082847
Umicore Grubbs Catalyst M2b (C827)	( SI Mes) Ru(PCy <sub>3</sub> ) (butenylidene)Cl <sub>2</sub>	Ru	12	253688-91-4	3000082849

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Umicore Hoveyda-Grubbs Catalyst M72 (C627)		Ru	16	301224-40-8	3000082873
Umicore Hoveyda-Grubbs Catalyst M72 SIPr (C711)		Ru	14	635679-24-2	3000082874
Umicore Grubbs Catalyst M52		Ru	16	1014701-61-1	3000034571
Umicore Grubbs Catalyst M1a (C823)	$\text{Ru}(\text{PCy}_3)_2(\text{benzylidene})\text{Cl}_2$	Ru	12	172222-30-9	3000082846
Umicore Grubbs Catalyst M32h		Ru	15	1416427-09-2	3000034579
Umicore Grubbs Catalyst M91		Ru	15	1415725-62-0	3000036076
Umicore Grubbs Catalyst M92		Ru	14	1415725-73-3	3000036077
Umicore Hoveyda-Grubbs Catalyst M71		Ru	14	1025728-56-6	3000034576
Umicore Grubbs Catalyst M1	$\text{Ru}(\text{PCy}_3)_2(\text{Ind})\text{Cl}_2$	Ru	11	250220-36-1	3000034559
Umicore Hoveyda-Grubbs Catalyst M71 SIPr		Ru	12	1212008-99-5	3000036112
Umicore Grubbs Catalyst M11	$\text{Ru}(\text{Bu-phobane})_2(\text{Ind})\text{Cl}_2$	Ru	13	894423-99-5	3000034563
Umicore Grubbs Catalyst M51		Ru	15	1031262-71-1	3000034567

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Umicore Grubbs Catalyst M20	[(SI Mes) Ru(PPh <sub>3</sub> )(Ind)Cl <sub>2</sub> ]	Ru	11	340810-50-6	3000036116
Umicore Grubbs Catalyst M2	(SI Mes) Ru(PCy <sub>3</sub> )(Ind)Cl <sub>2</sub>	Ru	11	536724-67-1	3000034561
Umicore Hoveyda-Grubbs Catalyst M73 SIPr		Ru	12	1212009-05-6	3000034573
Umicore Hoveyda-Grubbs Catalyst M73		Ru	13	1025728-57-7	3000034574

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