

Monomers for Polyimide Synthesis

Aliphatic Amines

Bis(aminomethyl)norbornane (mixture of isomers)	500g, 25g	[B3852]	1,3-Bis(aminomethyl)cyclohexane	500mL, 25mL	[B1005]
4,4'-Methylenebis(cyclohexylamine) (mixture of isomers)	500g, 25g	[M0699]	(<i>cis</i> - and <i>trans</i> -mixture)		
4,4'-Methylenebis(2-methylcyclohexylamine) (mixture of isomers)	500mL, 25mL	[M1422]	1,4-Bis(aminomethyl)cyclohexane	25g, 5g	[B1083]
Isophoronediamine (<i>cis</i> - and <i>trans</i> -mixture)	500mL, 25mL	[I0228]	(<i>cis</i> - and <i>trans</i> -mixture)		
1,3-Bis(isocyanatomethyl)cyclohexane (<i>cis</i> - and <i>trans</i> -mixture)	500mL, 25mL	[B1538]	1,3-Bis(3-aminopropyl)tetramethyldisiloxane	25g, 5g	[B1552]
			1,3-Cyclohexanediamine (<i>cis</i> - and <i>trans</i> -mixture)	25mL, 5mL	[C0813]
			1,4-Cyclohexanediamine (<i>cis</i> - and <i>trans</i> -mixture)	25mL, 5mL	[C0814]

Aromatic Amines

Bis(4-aminophenyl) Sulfone	500g, 100g, 25g	[D0089]	3,3'-Diaminobenzidine	25g, 5g	[D0077]
1,5-Diaminonaphthalene	500g, 100g, 25g	[D0101]	4,6-Diaminoresorcinol Dihydrochloride	25g, 5g	[D1888]
4,4'-Diaminostilbene-2,2'-disulfonic Acid	500g, 100g, 25g	[D0121]	3,4'-Diaminodiphenyl Ether	25g, 5g	[D1924]
<i>m</i>-Xylylenediamine	500g, 100g, 25g	[D0127]	2,5-Diamino-1,4-benzenedithiol	25g, 5g	[D2022]
<i>p</i>-Xylylenediamine	500g, 100g, 25g	[D1018]	Dihydrochloride		
4,4'-Diaminodiphenyl Ether	500g, 25g	[O0088]	4,4'-Ethylenedianiline	25g, 5g	[E0346]
Bis(3-aminophenyl) Sulfone	500g, 25g	[B0394]	2,3,5,6-Tetramethyl-1,4-phenylenediamine	25g, 5g	[T1457]
4,4'-Methylenebis(2,6-diethylaniline)	500g, 25g	[M1897]	2,2-Bis(3-amino-4-hydroxyphenyl)propane	25g, 5g	[B4429]
1,3-Phenylenediamine	500g, 25g	[P1892]	1,4-Bis(4-amino-2-trifluoromethylphenoxy)-benzene	25g, 5g	[B4428]
4,4'-Diaminodiphenylmethane	500g, 25g	[M0220]	2,6-Diaminoanthraquinone	25g	[D3180]
4,4'-Methylenebis(2-chloroaniline)	500g, 25g	[M0609]	Bis(2-aminophenyl) Sulfide	25g	[B2928]
α,α'-Bis(4-aminophenyl)-1,4-diisopropylbenzene	500g, 25g	[B1562]	1,3-Bis[2-(4-aminophenyl)-2-propyl]benzene	25g	[B3853]
2,2'-Benzidinedisulfonic Acid (contains 30% Water at maximum)	500g, 25g	[B0395]	1,3-Bis(4-aminophenoxy)benzene	25g	[B1680]
1,4-Phenylenediamine	250g, 25g	[P0170]	Bis[4-(3-aminophenoxy)phenyl] Sulfone	25g	[B1681]
<i>o</i>-Tolidine	250g, 25g	[T0253]	Bis[4-(4-aminophenoxy)phenyl] Sulfone	25g	[B1682]
1,3-Phenylenediamine	250g, 25g	[P1911]	4,4'-Methylenebis(2-ethyl-6-methylaniline)	25g	[M1238]
4-Aminobenzylamine	250g, 25g	[A1436]	<i>m</i>-Tolidine	25g	[T3098]
4,4'-Diisocyanato-3,3'-dimethylbiphenyl	250g, 25g	[D2051]	Bis(4-aminophenyl) Sulfide	25g	[T0632]
2,2-Bis[4-(4-aminophenoxy)phenyl]propane	100g, 25g	[B1551]	3,7-Diamino-2,8-dimethyldibenzothiophene	25g	[T1419]
2,5-Dimethyl-1,4-phenylenediamine	100g, 25g	[D2183]	Sulfone (contains 2,6-Dimethyl isomer)		
9,9-Bis(4-aminophenyl)fluorene	100g, 25g	[B1549]	<i>o</i>-Tolidine	25g	[T1913]
<i>o</i>-Dianisidine	25g, 5g, 1g	[D1344]	4,4'-Diamino-3,3'-dimethyldiphenylmethane	25g	[D2046]
2,2-Bis(4-aminophenyl)hexafluoropropane	25g, 5g, 1g	[B1400]	2,4,5,6-Tetrafluoro-1,3-phenylenediamine	5g, 1g	[T2019]
2,2'-Bis(trifluoromethyl)benzidine	25g, 5g, 1g	[B1711]	4,4'-Diamino-<i>p</i>-terphenyl	5g, 1g	[D3390]
2,7-Diaminofluorene	25g, 5g, 1g	[D0092]	1,5-Diaminonaphthalene (purified by sublimation)	5g, 1g	[D5689]
3,4'-Diaminodiphenylmethane	25g, 5g, 1g	[D1684]	3,3'-Dimethylnaphthidine	5g, 1g	[D0754]
3,3',5,5'-Tetramethylbenzidine	25g, 5g	[T1023]	4,4'-Diaminobenzophenone	5g, 1g	[D1561]
9,9-Bis(4-amino-3-methylphenyl)fluorene	25g, 5g	[B2693]	4,4'-Diaminoctafluorobiphenyl	5g, 1g	[D1632]
Bis(3-amino-4-hydroxyphenyl) Sulfone	25g, 5g	[B2859]	3,3'-Diaminobenzophenone	5g, 1g	[D1682]
1,3,5-Tris(4-aminophenyl)benzene	25g, 5g	[T2728]	3,3'-Diaminodiphenylmethane	5g, 1g	[D1683]
3-Aminobenzylamine	25g, 5g	[A1431]	3,6-Diaminocarbazole	5g, 1g	[D2116]
1,4-Bis(4-aminophenoxy)benzene	25g, 5g	[B1243]	9,9-Bis(4-amino-3-fluorophenyl)fluorene	5g	[B2691]
1,3-Bis(3-aminophenoxy)benzene	25g, 5g	[B1370]	9,9-Bis(4-amino-3-chlorophenyl)fluorene	5g	[B2690]
2,2-Bis[4-(4-aminophenoxy)phenyl]-hexafluoropropane	25g, 5g	[B1398]	4,4'-Diamino-2,2'-dimethylbibenzyl	5g	[D1658]
2,2-Bis(3-amino-4-hydroxyphenyl)-hexafluoropropane	25g, 5g	[B1415]	9,9-Bis(4-aminophenyl)fluorene (purified by sublimation)	1g	[B2654]
4,4'-Bis(4-aminophenoxy)biphenyl	25g, 5g	[B1671]	2,3,5,6-Tetrafluoro-1,4-phenylenediamine	1g	[T1110]
1,1-Bis(4-aminophenyl)cyclohexane	25g, 5g	[B2076]			

Monomers for Polyimide Synthesis

Aliphatic Carboxylic Anhydrides

Bicyclo[2.2.2]oct-7-ene-2,3,5,6-tetracarboxylic Dianhydride	500g, 25g	[B1317]	Tricyclo[6.4.0.0.2,7]dodecane-1,8,2,7-tetracarboxylic Dianhydride	25g, 5g	[T2698]
5-(2,5-Dioxotetrahydrofuryl)-3-methyl-3-cyclohexene-1,2-dicarboxylic Anhydride	500g, 25g	[D1901]	1,2,4,5-Cyclohexanetetracarboxylic Dianhydride	25g, 5g	[C2419]
Ethylenediaminetetraacetic Dianhydride	100g, 25g	[E0480]	1,2,3,4-Cyclobutanetetracarboxylic Dianhydride	5g, 1g	[C2262]
Dicyclohexyl-3,4,3',4'-tetracarboxylic Dianhydride	25g, 5g	[D5723]	1,2,3,4-Tetramethyl-1,2,3,4-cyclobutane-tetracarboxylic Dianhydride	5g, 1g	[T2697]
meso-Butane-1,2,3,4-tetracarboxylic Dianhydride	25g, 5g	[B1770]	1,2,3,4-Cyclobutanetetracarboxylic Dianhydride (purified by sublimation)	5g, 1g	[C2842]
Bicyclo[2.2.2]oct-7-ene-2,3,5,6-tetracarboxylic Dianhydride (purified by sublimation)	25g, 5g	[B4261]	3-(Carboxymethyl)-1,2,4-cyclopentanetricarboxylic Acid 1,4:2,3-Dianhydride	5g, 1g	[C3110]
1,2,3,4-Cyclopentanetetracarboxylic Dianhydride	25g, 5g	[C0857]	1,2,4,5-Cyclohexanetetracarboxylic Dianhydride (purified by sublimation)	5g, 1g	[C2919]
4-(2,5-Dioxotetrahydrofuran-3-yl)-1,2,3,4-tetrahydronaphthalene-1,2-dicarboxylic Anhydride	25g, 5g	[D2192]	1,2,3,4-Cyclopentanetetracarboxylic Dianhydride (purified by sublimation)	5g, 1g	[C2920]

Aromatic Carboxylic Anhydrides

Pyromellitic Dianhydride	500g, 100g, 25g	[B0040]	9,9-Bis(3,4-dicarboxyphenyl)fluorene Dianhydride	25g, 5g	[F1192]
3,3',4,4'-Benzophenonetetracarboxylic Dianhydride	500g, 100g, 25g	[B0948]	3,3',4,4'-Benzophenonetetracarboxylic Dianhydride (purified by sublimation)	25g, 5g	[B4260]
3,4,9,10-Perylenetetracarboxylic Dianhydride	500g, 100g, 25g	[P0972]	Pyromellitic Dianhydride (purified by sublimation)	25g, 5g	[P2103]
Trimellitic Anhydride Chloride	500g, 100g, 25g	[T1079]	4-Phenylethynylphthalic Anhydride	25g, 5g	[P1437]
Trimellitic Anhydride	500g, 25g	[C0046]	Tetrafluorophthalic Anhydride	5g, 1g	[T2381]
Tetrachlorophthalic Anhydride	500g, 25g	[T0071]	Naphthalene-1,4,5,8-tetracarboxylic Dianhydride (purified by sublimation)	5g, 1g	[N0755]
Phthalic Anhydride	500g	[P1614]	4,4'-(Hexafluoroisopropylidene)diphthalic Anhydride (purified by sublimation)	5g, 1g	[H1438]
Naphthalene-1,4,5,8-tetracarboxylic Dianhydride	250g, 25g	[N0369]	3,3',4,4'-Diphenylsulfonetetracarboxylic Dianhydride (purified by sublimation)	5g, 1g	[D4554]
4,4'-(Hexafluoroisopropylidene)diphthalic Anhydride	100g, 25g, 5g	[H0771]	4,4'-(Ethyne-1,2-diyl)diphthalic Anhydride (purified by sublimation)	5g, 1g	[E1412]
4,4'-Oxydiphthalic Anhydride	100g, 25g	[O0237]	4-Ethynylphthalic Anhydride	5g, 1g	[E0579]
4,4'-(4,4'-Isopropylidenediphenoxy)diphthalic Anhydride	100g, 25g	[I0856]	3,4'-Biphthalic Anhydride	5g	[B4629]
4,4'-Biphthalic Anhydride	100g, 25g	[B1326]	Tetrabromophthalic Anhydride (purified by sublimation)	5g	[T3871]
Tetrabromophthalic Anhydride	100g, 25g	[T0046]	4,4'-Biphthalic Anhydride (purified by sublimation)	5g	[B4262]
3,4'-Oxydiphthalic Anhydride	25g, 1g	[O0384]	4,4'-Oxydiphthalic Anhydride (purified by sublimation)	5g	[O0423]
4-(1-Propynyl)phthalic Anhydride	25g, 5g	[M2757]	3,4,9,10-Perylenetetracarboxylic Dianhydride (purified by sublimation)	1g	[P2102]
4,4'-(Ethyne-1,2-diyl)diphthalic Anhydride	25g, 5g	[E1164]			
1,4-Phenylene Bis(1,3-dioxo-1,3-dihydroisobenzofuran-5-carboxylate)	25g, 5g	[P2625]			

Aliphatic Isocyanates

Dicyclohexylmethane 4,4'-Diisocyanate (mixture of isomers)	500g, 100g, 25g	[D2380]	Isophorone Diisocyanate (mixture of isomers)	500mL, 25mL	[I0314]
--	-----------------	---------	--	-------------	---------

Aromatic Isocyanates

m-Xylylene Diisocyanate	500g, 100g, 25g	[X0022]	1,5-Diisocyanatonaphthalene	100g, 25g	[N0168]
Methylenediphenyl 4,4'-Diisocyanate	500g, 25g	[D0897]	Toluene-2,6-diisocyanate	25g, 5g, 1g	[T1153]
1,3-Bis(2-isocyanato-2-propyl)benzene	500g, 25g	[B1442]	3,3'-Dichloro-4,4'-diisocyanatobiphenyl	25g, 5g	[D1541]
Toluene-2,4-diisocyanate	500g, 25g	[T0263]	1,3-Phenylene Diisocyanate	5g, 1g	[P1092]
Toluene Diisocyanate (2,4-ca. 80%, 2,6-ca. 20%)	500g, 25g	[T0264]	2,2-Bis(4-isocyanatophenyl)hexafluoropropane	1g	[B1509]
1,4-Phenylene Diisocyanate	250g, 25g	[P1640]			

For further information please refer to our website at www.TCIchemicals.com.

monomers



Ordering and Customer Service

TCI AMERICA

Tel : 800-423-8616 / 503-283-1681
Fax : 888-520-1075 / 503-283-1987
E-mail : Sales-US@TCIchemicals.com

TCI EUROPE N.V.

Tel : +32 (0)3 735 07 00
Fax : +32 (0)3 735 07 01
E-mail : Sales-EU@TCIchemicals.com

TCI Deutschland GmbH

Tel : +49 (0)6196 64053-00
Fax : +49 (0)6196 64053-01
E-mail : Sales-DE@TCIchemicals.com

Tokyo Chemical Industry UK Ltd.

Tel : +44 (0)1865 784560
Fax : +44 (0)1865 784561
E-mail : Sales-UK@TCIchemicals.com

TCI Chemicals (India) Pvt. Ltd.

Tel : 1800 425 7889 / 044-2262 0909
Fax : 044-2262 8902
E-mail : Sales-IN@TCIchemicals.com

梯希爱(上海)化成工业发展有限公司

Tel : 800-988-0390 / 021-67121386
Fax : 021-6712-1385
E-mail : Sales-CN@TCIchemicals.com

TOKYO CHEMICAL INDUSTRY CO., LTD.

Tel : +81 (0)3-5640-8878
Fax : +81 (0)3-5640-8902
E-mail : globalbusiness@TCIchemicals.com

Availability, price or specification of the listed products are subject to change without prior notice. Reproduction forbidden without the prior written consent of Tokyo Chemical Industry Co., Ltd.