











**Minit™ Molecular Models - Contents of Sets**











Shape	Bond angles (Orbital hybrid*)	Code	Component	Quantity per set			Quantity per set		
				0073	0074	0075	0076	0077	0078
		0293	Ha white	50	-	75	250	300	
		0294	Na blue	10	-	-	50		
		0295	Oa red	10	-	10	50	50	
		0296	Fa light green	10	-	-	50		
		0297	Sa yellow	2	-	2	20	20	
		0298	Cla green	15	-	2	90	20	
	180 (sp)	0301	Hb white	-	25	10	125	100	
		0302	Cb black	10	-	-	50		
		0303	Nb blue	2	-	-	20		
		0304	Ob red	-	-	10		100	
	100	0305	Sc yellow	10	-	2	50	20	
	110	0306	Nd blue	-	-	2		20	
		0307	Od red	25	-	25	125	100	
	120	0308	Ne blue	-	-	5		25	
	108 120 132	0312	Cg black	-	-	5		25	
	108 126 126	0313	Ch black	-	-	5		25	
	114 123 123	0316	Ci black	-	-	20		100	
		0317	Ni blue	-	-	22		120	
	120 (sp <sup>2</sup> )	0318	Cj black	20	30	20	100	150	100
		0319	Nj blue	6	-	10	30	50	
		0320	Oj red	-	30	-	150		
	109.5 (sp <sup>3</sup> )	0321	Ck black	30	35	30	200	175	150
		0322	Nk blue	10	-	2	50	20	
		0323	Ok red	10	15	-	50	75	
		0324	Pk purple	5	-	5	25	25	
		0325	Sk yellow	5	20	-	25	100	
		0327	HALk green	-	10	-	50		
0328	Mk silver	2	25	1	20	125	10		

\*The orbital hybridisation associated with this geometry of electron pairs

**Set Descriptions**

0073	Organic and Inorganic Chemistry Student Set	0076	Organic and Inorganic Chemistry Group Set
0074	Lattices Student Set	0077	Lattices Group Set
0075	Biochemistry Student Set	0078	Biochemistry Group Set

Minit™ Molecular Models, Manufactured by Cochranes of Oxford Ltd, Shipton under Wychwood, OXON OX7 6DG, UK  
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Shape	Bond Angles (Hybrid Orbital*)	Code	Component	Quantity per set			Quantity per set		
				0073	0074	0075	0076	0077	0078
	90 (d <sup>2</sup> sp <sup>3</sup> )	0329	Cl black	2	-	-	20		
		0332	Sl yellow	1	-	-	10		
		0333	Fel grey	-	-	1		10	
		0334	Hall green	-	20	-		100	
		0335	Ml silver	2	15	-	20	75	
	90 120 (dsp <sup>3</sup> )	0336	Cm black	6	-	-	50		
		0337	Nm blue	1	-	-	10		
		0338	Om red	1	-	-	15		
		0339	Pm purple	1	-	-	10		
	70	0340	HALp green	-	5	-	25		
		0341	Mp silver	-	20	-	100		
	60	0342	Mq silver	-	20	-	100		
	155	0346	On red	-	-	-	30		
	141	0347	Or red	-	-	-	30		
	90 125	0348	Os red	-	-	-	30		
	141 116	0349	Ot red	-	-	-	30		
	90	0343	W pegs	8	-	-	50		
		0366	Peptide link black	-	-	-		12	
<b>Total Atoms (excludes pegs and links)</b>				<b>246</b>	<b>270</b>	<b>264</b>	<b>1390</b>	<b>1470</b>	<b>1390</b>

Straws / Bonds	Length	Code	Main Use (Organic & biochemistry)	Quantity per set			Quantity per set		
				0073	0074	0075	0076	0077	0078
Green straw	2.5 cm	0587	C-C, C-N, C-O, C-Cl	80	80	40	960	640	320
	2.0 cm	0588	C=C, C=N, C=O	20	-	80	240	-	640
	1.5 cm	0615	C-H, N-H, O-H	80	40	80	320	320	720
White straw	10 cm	0194	Lattices	-	10	-	-	-	35
	3.5 cm	0621	H - - - -H	-	20	20	160	160	
Red straw	3.0 cm	0751	-	12	-	-	96		
	2.0 cm	1010	C=C, C=N, C=O	12	-	-	96		
Mixed	10.0 cm	0201	-	1	1	1	5	5	5
White V-flex tube	5.0 cm	0370	-	4	-	-	20		
	2.5 cm	0371	C=C, C=N, C=O	6	-	3	30		15
<b>Total Bonds</b>				<b>215</b>	<b>151</b>	<b>224</b>	<b>1767</b>	<b>1160</b>	<b>1860</b>