

Molymod[®] Individual Components




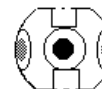
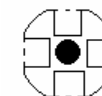



“a world of learning”

Code	Element	Colour	Holes	Angles/Type	Diameter(mm)	
ATOMS						
MA-110	Hydrogen	white	1	na	17	
MA-111	Halogen	green	1	na	17	
MA-112	Metal (Na)	grey	1	na	17	→
MA-114	Bromine	orange	1	na	17	
MA-115	Iodine	purple	1	na	17	
MA-116	Fluorine	light green	1	na	17	
MA-101	Halogen/Chlorine	green	1	na	20	
MA-102	Metal	grey	1	na	20	→
MA-103	Oxygen	red	1	na	20	
MA-104	Nitrogen	blue	1	na	20	
MA-120	Halogen	green	1	na	23	
MA-121	Oxygen	red	1	na	23	→
MA-122	Nitrogen	blue	1	na	23	
MA-124	Bromine	orange	1	na	23	
MA-125	Iodine	purple	1	na	23	
MA-150	Hydrogen	white	1	Molydome™	19	→
MA-200	Oxygen	red	2	105 angular	23	
MA-201	Sulphur	yellow	2	105 angular	23	
MA-202	Metal (Ca,Mg)	grey	2	105 angular	23	→
MA-203	Nitrogen	blue	2	105 angular	23	
MA-240	Oxygen	red	2	140 (silicates)	20	
MA-210	Hydrogen	white	2	180 linear	17	
MA-211	Oxygen	red	2	180 linear	17	→
MA-213	Metal (Be)	grey	2	180 linear	23	
MA-223	Oxygen	red	2	180 linear	23	
MA-220	Carbon (sp)	black	2	180 linear	23	

Pack Size = 10 for atoms and 25 for links

Southern Biological - A Division of Cogitamus Pty Ltd ACN 097 468 954 ABN 25 838 926 933
 19-21 Worrell Street, PO Box 57, Nunawading, Victoria, 3131, Australia
 P: +61 3 9877 4597 F: +61 3 9894 2309
 W: www.southernbiological.com E: sales@southernbiological.com

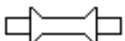
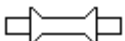
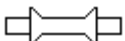
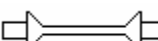
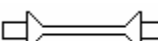



Code	Element	Colour	Holes	Angles/Type	Diameter(mm)	
ATOMS						
MA-300	Nitrogen	blue	3	107 pyramidal	23	→ 
MA-301	Phosphorus	purple	3	107 pyramidal	23	
MA-302	Metal	grey	3	107 pyramidal	23	
MA-310	Carbon (sp ²)	black	3	120 trigonal	23	→ 
MA-311	Nitrogen	blue	3	120 trigonal	23	
MA-316	Boron	beige	3	120 trigonal	23	
MA-317	Metal (Al)	grey	3	120 trigonal	23	
MA-400	Carbon (sp ³)	black	4	109 tetrahedral	23	→ 
MA-401	Nitrogen	blue	4	109 tetrahedral	23	
MA-402	Oxygen	red	4	109 tetrahedral	23	
MA-403	Sulphur	yellow	4	109 tetrahedral	23	
MA-404	Metal	grey	4	109 tetrahedral	23	
MA-405	Silicon	grey	4	109 tetrahedral	23	
MA-406	Halogen	green	4	109 tetrahedral	23	
MA-407	Phosphorus	purple	4	109 tetrahedral	23	
MA-408	Boron	beige	4	109 tetrahedral	23	
MA-409	Copper metal	copper	4	109 tetrahedral	23	
MA-490	Platinum	grey	4	90 square planar	23	
MA-510	Phosphorus	purple	5	90,120 tribipyramidal	23	→ 
MA-511	Carbon	black	5	90,120 tribipyramidal	23	
MA-512	Nitrogen	blue	5	90,120 tribipyramidal	23	
MA-513	Metal	grey	5	90,120 tribipyramidal	23	
MA-514	Atom dsp ³	brown	5	90,120 tribipyramidal	23	
MA-515	Atom dsp ³	beige	5	90,120 tribipyramidal	23	
MA-516	Oxygen	red	5	90,120 tribipyramidal	23	
MA-610	Metal	grey	6	90 octahedral	23	→ 
MA-612	Halogen	green	6	90 octahedral	23	
MA-613	Sulphur	yellow	6	90 octahedral	23	
MA-615	Atom d ² sp ³	beige	6	90 Octahedral	23	
MA-618	Phosphorus	purple	6	90 octahedral	23	
MA-619	Copper metal	copper	6	90 octahedral	23	
MAL-10	Hydrogen	white	1	Atomlink™	15	→ 

“a world of learning”

Pack Size = 10 for atoms and 25 for links




Code Item

LINKS

ML-11	Medium purple link	→	
ML-12	Medium grey link (standard link for single bonds)	→	
ML-16	Medium white link	→	
ML-13	Long grey flexible link, used for double or triple bonds	→	
ML-14	Long purple flexible link, used for double or triple bonds	→	
ML-10	Short white link, used for compact bonds	→	
ML-15	"Non-visible" links in natural plastic	→	
ML-20	V-link grey used for tight small ring structures	→	

Pack Size = 10 for atoms and 25 for links

ORBITALS

MO-104	3-dimensional pear shaped, beige coloured, lone pair of electrons, pack of 10		
MO-12	2-dimensional (flat) molecular orbitals, type "p", pack of 12 pieces (6 pink and 6 purple)	→	
MO-24	2-dimensional (flat) molecular orbitals, types "p" and "pi", pack of 24 pieces (12 of each type)	→	 

ACCESSORIES

MB-20	plastic box with 2 compartments		
MB-30	plastic box with 4 compartments, 30mm deep		
MB-55	plastic box single compartment, 55mm deep		
SLRT1	short link remover tool, to dismantle models	→	