

ECO SOLDER	Alloy composition (wt%)	Melting temp. (°C)			Product Form				
		Solidus line	Peak temp.	Liquidus line	BAR	CORE	BALL	PASTE	PREFORM
M-series: Melting temperature 200 °C to 250 °C									
M705	Sn-3.0Ag-0.5Cu	217	219	220	●	●	●	●	●
M705RK	Sn-3.0Ag-0.5Cu-x	219	221	221		●			
M30	Sn-3.5Ag	221	223	223	●	●	●	●	●
M31	Sn-3.5Ag-0.75Cu	217	219	219	●	●	●	●	●
M714	Sn-3.8Ag-0.7Cu	217	219	220	●	●	●	●	●
M715	Sn-3.9Ag-0.6Cu	217	219	226	●	●	●	●	●
M710	Sn-4.0Ag-0.5Cu	217	219	229	●	●	●	●	●
M770	Sn-2.0Ag-0.75Cu-Ni	218	220	224	●	●	●	●	●
M34	Sn-1.0Ag-0.5Cu	217	219	227	●	●	●	●	●
M771	Sn-1.0Ag-0.7Cu	217	219	224	●	●	●	●	●
M40	Sn-1.0Ag-0.7Cu-Bi-In	211	222	222		●	●	●	●
M35	Sn-0.3Ag-0.7Cu	217	219	227	●	●	●	●	●
M35RK	Sn-0.3Ag-0.7Cu-x	217	219	227		●			
M47	Sn-0.3Ag-0.7Cu-0.5Bi-Ni	216	228	228	●	●	●	●	●
M20	Sn-0.75Cu	227	229	229	●	●	●	●	●
M20RK	Sn-0.75Cu-x	227	229	229		●			
M24MT	Sn-0.7Cu-Ni-P-Ge	228	230	230	●	●	●	●	●
M24AP	Sn-0.6Cu-Ni-P-Ge	227	228	228	●	●	●	●	●
M805E	Sn-0.3Bi-0.7Cu-P	225	229	229	●	●	●	●	●
M725	Sn-0.7Cu-Ni-P	228	230	230	●	●	●	●	●
M823	Sn-0.75Cu-1.5Bi-Ni-x	224	229	229			●		
M773	Sn-0.7Cu-0.5Bi-Ni	225	229	229	●	●	●	●	●
M794	Sn-3.4Ag-0.7Cu-Bi-Sb-Ni-x	210	221	221		●	●	●	●
M731	Sn-3.9Ag-0.6Cu-3.0Sb	221	224	226	●	●	●	●	●
M716	Sn-3.5Ag-0.5Bi-8.0In	196	208	214		●		●	●
M758	Sn-3.0Ag-0.8Cu-Bi-Ni	205	215	215		●	●	●	●
M806	Sn-3.5Ag-0.8Cu-Bi-Ni	203	214	214		●	●	●	●
M807	Sn-3.5Ag-0.8Cu-Bi-Ni	214	219	219		●	●	●	●
M709	Sn-0.5Ag-6.0Cu	217	226	378	●				
M76OHT	Sn-5.0Cu-0.15Ni-x	228	229	365	●				
M711	Sn-0.5Ag-4.0Cu	217	226	344	●				
M10	Sn-5.0Sb	240	243	243	●	●	●	●	●
M14	Sn-10Sb	245	248	266	●	●	●	●	●
L-series: Melting temperature: 200 °C or lower									
L20	Sn-58Bi	139	141	141	●	●	●	●	●
L29	Sn-58Bi-Sb-Ni	140	145	145				●	

Peak temp.: Max. endothermic reaction point on DSC curve

Some alloy compositions may not be available in certain forms with special product sizes and grades.

For alloy compositions not listed above, please contact our sales representative or contact us via e-mail (web@senju.com).