

【ABSTRACT】**【ABSTRACT OF THE DISCLOSURE】**

A spool includes a body and a chromium layer. The body integrally includes a first portion having a tubular shape and a second portion having an annular shape. The body is formed using plastic. The second portion is provided on both sides of the first portion. The chromium layer is plated on the body. The chromium layer has a uniform thickness of about 0.1 μ m to about 100 μ m. A gold alloy wire is wound on the chromium layer. The chromium layer has a glossy surface. The spool is combined with a bonding device such that the spool may electrically connect the bonding device to the gold alloy wire wound on the chromium layer. According to embodiments of the present invention, the shape of the spool may not be easily changed by an external impact. In addition, when the gold alloy wire is wound on the spool, a scratch may not be formed on the spool. Furthermore, a cost required for forming the spool is relatively small so that the spools may be used like expendable supplies. As a result, a recycling process may not be required.

【REPRESENTATIVE DRAWING】

FIG. 4

【INDEX】

spool, bonding, gold alloy, wire, winding, chromium layer