



## 漢保牌無鹵套管---材質成份表

### HAMBURG-A Halogen-Free Tube----Material Data Sheet

漢保牌無鹵環保型熱縮套管 H-2/H-2(CB) 系列是一種阻燃型的熱收縮套管,組成材料為聚烯烴加適量阻燃劑和助劑。產品中鉛(Pb)、鎘(Cd)、汞(Hg)、六價鉻(Cr6+)、多溴聯苯(PBB)、多溴聯苯醚(PBDE)等環境物質含量符合 SONY 和歐盟 RoHS 指令要求,具體組成如下:

**HAMBURG-A Halogen-Free Tube H-2/H-2(CB) Series are flame-retardant, environmentally friendly heat-shrinkable tubes, whose components are polyolefin, certain flame-retardants and promoters. The concentrations of Pb、Cd、Hg、Cr6+、PBB and PBDE are meet the requirement of RoHS Directive. The raw materials are listed as follows:**

| 均質材料<br>Homogeneous<br>Component | 原物料<br>Raw Material                                      |                                                | 用途<br>Use                   | 含量<br>Contents | 供應商<br>Manufacturer    | CAS No.    |
|----------------------------------|----------------------------------------------------------|------------------------------------------------|-----------------------------|----------------|------------------------|------------|
|                                  | 成份<br>Substance                                          | 分子式<br>Structural<br>Formula                   |                             |                |                        |            |
| 套管<br>Tube                       | 乙烯-醋酸乙烯<br>共聚物<br>Ethylene-vinyl<br>acetate<br>copolymer | $(CH_2-CH_2)$<br>$m-(CH_2-CH-C$<br>$OOCH_3)_n$ | 主劑<br>Main Material         | 50%            | 北京有機<br>China Sinopec  | 24937-78-8 |
|                                  | 氫氧化鎂<br>Magnesium<br>Hydroxide                           | $Mg(OH)_2$                                     | 阻燃劑<br>Flame-retardant      | 35%            | 錦昊輝<br>Jinhaohui       | 1309-42-8  |
|                                  | 磷系阻燃劑<br>Phosphorus                                      | P                                              | 阻燃劑<br>Flame-retardant      | 10%            | 上海海以<br>Shanghai haiyi | 7723-14-0  |
|                                  | 色母<br>Pigment                                            | 色母+填充劑                                         | 著色劑<br>Colorant<br>Material | 5%             | 華萬彩<br>Huawancai       | ---        |
| 油墨<br>Ink                        | 油墨<br>Printing ink                                       | ---                                            | 印字<br>Printing ink          | 100%           | 信華<br>SINWA            | ---        |

供應商：漢保實業股份有限公司

Supplier: HAMBURG INDUSTRIES CO., LTD.

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