

Heat Stabilizer

When PVC is at 100-150°C, ultraviolet light, mechanical force, oxygen, ozone, hydrogen chloride, and some active metal salts and metal oxides will accelerate the decomposition rate on the basis of its own decomposition. In this case, it is necessary to add a heat stabilizer in the process of PVC processing, so that to a certain extent, it can replace the unstable chlorine atoms in PVC, absorb hydrogen chloride, and undergo addition reactions with unsaturated parts. Inhibits the degradation of PVC molecules.

| Category | Item | Application | Dosage | Form |
|----------|-------------|--------------------------------------|---------|--------|
| Ca Zn | BX CZ 2024F | pvc pipe, fittings | 4.5-5.5 | powder |
| Ca Zn | BX CZ 1048W | pvc foaming | 4.5-5.5 | powder |
| Ca Zn | BX CZ 3048W | WPC | 3-5 | powder |
| Ca Zn | BX CZ 2033P | pvc window,profile | 4.5-5.5 | powder |
| Ca Zn | BX CZ 3012 | pvc wire,cable | 3.0-5.0 | powder |
| Ca Zn | BX CZ 8012 | 90°C pvc wire | 4.0-5.0 | powder |
| Ca Zn | BX CZ 3112 | 105-125°C pvc wire | 8-15 | powder |
| Ca Zn | BX CZ-1059 | Transparent pvc | 1.0-3.5 | powder |
| Ba Cd | BX BC-142 | pvc wood grain decorave films | 3.0-4.0 | Liquid |
| Ba Cd | BX BC-143 | pvc auto films | 2.0-3.0 | Liquid |
| Ba Cd | BX BC-147 | pvc advertising films | 4.0-5.0 | Liquid |
| Ba Cd | BX BC-145 | pvc ceiling films | 3.0-4.0 | Liquid |
| Ba Zn | BX BZ-139 | pvc calendering films& pvc tarpaulin | 4.0-6.0 | Liquid |
| Ba Zn | BX BZ-136 | pvc low voc films | 2.0-3.0 | Liquid |
| Ba Zn | BX BZ-137 | pvc transparency screen films | 1.6-3.0 | Liquid |
| Ba Zn | BX BZ-135 | pvc electrical adhesive tapes | 2.0-3.0 | Liquid |
| Ba Zn | BX BZ-138 | pvc auto films | 3.0-4.0 | Liquid |
| Ba Zn | BX BZ-508 | pvc calendering films | 2.0-3.0 | Powder |
| Ba Zn | BX BZ-506 | pvc foamed shoes, artificial leather | 2.0-3.0 | Powder |
| Tin | BX Tin 181 | pvc | 1.0-2.0 | Liquid |
| Lead | BX PB-2145 | pvc resin tiles | 2-6 | Flake |
| Lead | BX PB-2447 | pvc pipes | 2-6 | Flake |
| Lead | BX PB-2647 | pvc edge banding | 2-6 | Flake |
| Lead | BX PB-2945 | pvc profiles, foamed products | 2-6 | Flake |