



Shanghai King Chemical Co.,Ltd

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TECHNICAL DATA SHEET

Bluesail series KC-60

Basic properties:

KC-60, Colorless liquid, can be mixed with acetone, CC14, mineral oil, acetic acid, castor oil and alcohol. Insoluble in water, low volatility, resistant to heat, light and water.

It has good consistency with vinyl resin, cellulose acetate, acetyl cellulose butyrate, ethylcellulose and benzylcellulose.

It is a sort of plasticizer of good plasticizing efficiency and antibacterial, nonirritant at the same time.

Application Guide:

1. This product is a kind of plasticizer of common use, mainly used for the production of PVC, vinyl and cellulosic resins. It has good consistency with chemical fiber, acetic acid, ABS resins and rubbers, also has good plasticizing effect. The resins after the plasticizing of ATBC will present good transparency and flexure resistance in low temperature. In different medium, TBC has low volatility and low extraction, stable while heat-seal and do not change color. Also can be used for paint, dye and dispersing agent.

2. TBC can be used to produce artificial leather, plastic rubber shoes, flip flops tape and plastic hosepipe. The lubricating oil made from TBC has brilliant lubricating property.

Product Standards:

| NO. | Test Item | Superior Grade | First Grade | Qualified Grade | Our typical Value |
|-----|-----------------------------------|--|--|--|--|
| 1 | Appearance | Transparent Oily liquid without visible impurity | Transparent Oily liquid without visible impurity | Transparent Oily liquid without visible impurity | Transparent Oily liquid without visible impurity |
| 2 | Chroma,(Platinum-Cobalt) | ≤20 | ≤30 | ≤50 | ≤20 |
| 3 | Ester content | ≥99.0 | ≥99.0 | ≥99.0 | ≥99.0 |
| 4 | Density (20°) , g/cm ³ | 1.038-1.042 | 1.038-1.042 | 1.038-1.042 | 1.038-1.042 |
| 5 | Acid value mgKOH/g | ≤0.05 | ≤0.08 | ≤0.10 | ≤0.08 |
| 6 | Moisture content | ≤0.10 | ≤0.10 | ≤0.10 | ≤0.1 |
| 7 | Flashing Point | 185 | 185 | 185 | 185 |