

BG-BM50 笔墨专用溶剂

Special Solvent in the Pigment Ink

组成/Component:

BG-BM50是一种零VOC高沸点溶剂。是醇类与环氧乙烷、环氧丙烷的加成物。分子内具有多官能团。

BG-BM50 is a zero VOC、high boiling point organic solvent. It is obtained by alcohol and ethylene oxide、propylene oxide. There are many functional groups in the molecule.

平均分子量/Molecular weight: 190.17

基本参数/Basic parameter

沸点 Boiling point °C	>260°C	挥发速率 Volatization rate	<0.01	折光率 Refractive index nD20	1.5189-1.5234
相对密度 Relative density	1.062-1.067	溶解度参数 Solubility parameter	11.5	PH值	6.5±0.5

BG-BM50是一种典型的高沸点有机溶剂。早在七十年代欧美就已广泛采用。它是一种略带芳香味的无色透明液体，具有混溶性好，挥发性低，渗透性强等特点，与异佛乐酮（俗称783）、DBE、苯甲醇相比，综合性能突出，可全性能替代使用。

BG-BM50可作油漆、油墨、圆珠笔油的溶剂和改良剂，印台油墨的渗透剂，洗涤剂中的渗透剂和杀菌剂，水性涂料的成膜助剂。作为染料溶剂，可增加PVC塑化剂的溶解能力。利用其溶解力强的特点，清洁印刷电路板和塑料的表面处理，化妆品的香料保持剂和稀释剂，是羟基苯甲酸酯类的理想溶剂。染发色料和指甲油色料的较佳溶剂和助渗透剂。

BG-BM50 is a typical high boiling point organic solvent ,which has been adapted ever since the seventies in Europe and America .It is a colorless clear liquid with slight pleasant scent .The product has good compatibility ,low volatile ,and strong permeability ,compared with isophorone (783)、DBE、benzoic alcohol etc, it is distinct comprehensive properties ,and thus be used as the substitute.

It is generally used as the solvent and modified agent for paint ,pigment ink ,ball-pen oil ,as well as the penetrant in the ink pad pigment ink stop up-screen inhibitor in the screen printing ink、 penetrant and bactericide in the detergent and film-forming agent for water-based coating .As a dyeing solvent, it can improve the solubility of the PVC plasticizer, the properties that enable the cleaning of printed circuit board, surface treatment of plastic, and fixative and thinner of cosmetic and become an ideal solvent for hydrobenzoate.

包装与储运/Packing and storage:

- 1、50Kg涂塑桶，200Kg塑胆桶。特殊要求面洽。
- 2、本品属非危险品，应贮存在阴凉干燥处。保质期36个月。
- 1、50kg painted plastic barrel, 200kg plastic-liner barrels, special requirements are subject to face-to-face negotiation.
- 2、The product is not a dangerous articles and should be stored in cool, drying place for a preserve period of 36 months