



荧光增白剂CF-351

Fluorescent Brightener CF-351

结构



C.I.索引号 荧光增白剂351

CAS登陆号 27344-41-8

国外同类产品商品名 Tinopal CBS-X (BASF)

性质 CF-351是双二苯乙烯-联苯型光学荧光增白剂,适用于各种合成洗涤剂、肥皂、香皂制造任何一个过程中的光学增白。

化学名称 4,4'-双(2-磺酸基苯乙烯)-1,1'-联苯

分子量 562.6

特点 CF-351的特点是增白强度高,耐氯漂、氧漂性能优良,具有优异的耐洗牢度和干、湿日晒牢度,匀染性能良好,易于生物降解。低温下具有较大的溶解度,适合于合成洗衣粉,液体洗涤剂,香(肥)皂等洗涤品种,也可直接用于棉、麻、丝、羊毛、锦纶和纸张常温下的光学增白。

外观 自由流动的亮黄色颗粒。

使用指南 可在合成洗涤剂、香皂和肥皂制造过程中任何一步加入荧光增白剂CF-351,或溶解于某一组分,混合均匀即可。

贮藏 贮存在阴凉、干燥处,避光保存。

包装 1.25Kg硬纸板箱包装,内衬塑料袋。
2.500kg防静电包装袋。

安全事项 CF-351的处理与工业精细化学品的通规则相一致。防止落入尘埃及接近火源。

应用范围及建议用量

| 洗涤剂类型 | 用量% (w/w洗涤剂) | 洗涤剂类型 | 用量% (w/w洗涤剂) |
|-------|--------------|-------|--------------|
| 普通洗衣粉 | 0.01—0.10 | 香皂、肥皂 | 0.02—0.20 |
| 浓缩洗衣粉 | 0.02—0.20 | 织物柔软剂 | 0.10—0.30 |
| 液体洗涤剂 | 0.10—0.30 | 洗衣膏 | 0.01—0.10 |

规格

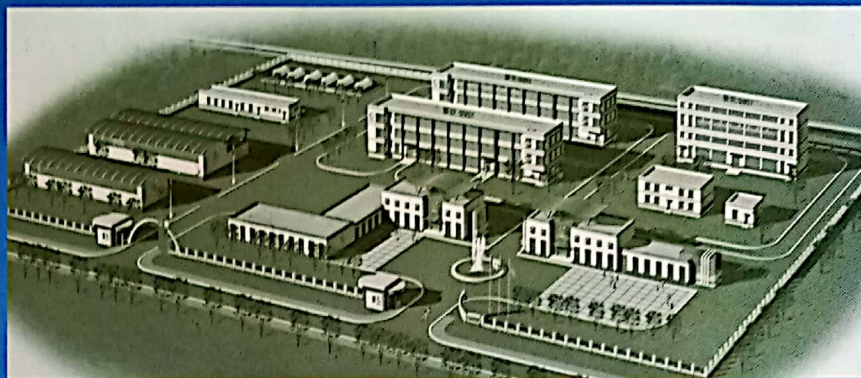
| | |
|--------|-----------|
| 消光系数 | 1105—1181 |
| 在水中不溶物 | ≤0.03% |

物理性质

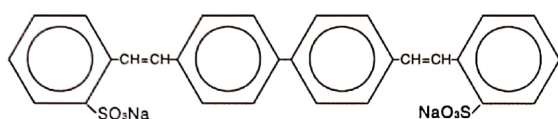
| | |
|----------|------------|
| 溶解度(在水中) | 25℃、25g/L |
| | 70℃、100g/L |
| | 95℃、300g/L |
| 最大紫外吸收波长 | 348—350nm |
| 离子性 | 阴离子 |



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Structure



Application range and recommended dosage

| Type | Dosage%(w/w in detergents) |
|------------------------------|----------------------------|
| General washing powders | 0.01—0.10 |
| Concentrated washing powders | 0.02—0.20 |
| Liquid detergents | 0.10—0.30 |
| Scented soaps, soaps | 0.02—0.20 |
| Fabric softening agents | 0.10—0.30 |
| Washing cream | 0.01—0.10 |

Specifications

| | |
|------------------------|-----------|
| E(1%/cm) | 1105—1181 |
| Indissoluble substance | ≤0.03% |

Physical properties

| | |
|---------------------------|-------------|
| Solubility(in water) | 25°C、25g/L |
| | 70°C、100g/L |
| | 95°C、300g/L |
| Max in ultra-violet range | 348—350nm |
| Ionic character | Anion |

C.I.No.Fluorescent Brightener 351

CAS No.27344-41-8

Corresponding Foreign Commodities Tinopal CBS-X(BASF)

Characterization CF-351 is an optical fluorescent brightener of the distyryl biphenyl class, suitable for the optical brightening of synthetic detergents, scented soaps and soaps at all stages of processing.

Chemical name 4,4'-di(2-sulfostyryl) biphenyl disodium salt.

Molecular weight 562.6

Features CF-351 features high whitening strength, excellent fastness, to chlorine/oxygen bleaching, washing, and dry/wet light fastness, level dyeing properties. It is liable to biology degradation. Even in low temperature, the product has a high solubility in water, especially suitable for liquid detergent. CF-351 is mainly used as an additive for the whitening of synthetic detergents, scented soaps, soaps. It can also be used as the optical brightening agents of cotton, linen, silk, wool, polyamide fibers and papers etc.

Appearance Flow free bright yellowish granule.

Guidelines for use CF-351 can be added to synthetic detergents, scented soaps, soaps or dissolved in an ingredient and blended equably at all stages of processing.

Storage Keep in cool dry place, keep away from sunlight, provided the usual precautions for handling chemicals are observed.

Package 1. Paper carton lined with plastics bags, net weight 25kg.
2. 500kg anti-static bulk bag.

Handling & safety CF-351 can be handled in accordance with the usual rules for industrial chemicals, Avoid dust for...

