



## 产品介绍——阳离子沥青防塌剂乳胶

### Emulsified Cationic Asphalt Introduction

#### 产品名称 (Product name)

阳离子沥青防塌剂乳胶 YL-n      Emulsified Cationic Asphalt YL-n

#### 性能及应用 (Application)

阳离子沥青防塌剂乳胶 YL-n,是由多种表面活性剂及阳离子页岩抑制剂及一定范围软化点的沥青经特种工艺加工而成。其微米级的带正电的沥青微粒极易吸附到带负电的固体颗粒上,参与泥饼的形成,提高泥饼质量,其微粒及阳离子页岩抑制剂可以进入井壁微裂缝中,产生粘附及相互聚集,从而起到封堵、桥接、防膨、防塌及降失水作用。

Emulsified Cationic Asphalt (YL-n) is processed by multi-surfactants, cation shale control agent and asphalt in specific intenerating scope. Its asphalt grain having positive charge in micron can be easily absorbed to the solid grain having negative charge so as to help the formation and further improve the quality of the clay cake. Its grain and the cation shale control agent can enter into the crack of the well wall, begetting adhesive action and phenomenon in mass, thereby perform the function of seal, jam, joint, expansion prevention, collapse prevention and dehydration.

#### 质量指标 (Specifications)

项 目 <i>Properties</i>	技 术 指 标 <i>Values</i>
外 观 <i>Appearance</i>	棕黑色胶状物 Black Brown Colloid
水分散性 <i>Water-Dispersion</i>	均匀分散, 无漂浮固状物 Uniform dispersion, no soled floater
相对抑制性 <i>Relative Inhibition</i>	≤ 1.0
胶体稳定性 <i>Colloid Stability</i> %	≥ 95.0
电动电位 <i>Electro Kinetic Potential</i> mv	≥ 25.0
蒸发残余物含量 <i>Evaporation Remnant Content</i> %	≥ 55
蒸发残余物软化点 <i>Softening Point of Evaporation Remnant</i> °C	<i>n</i> ( ± 10°C )

#### 包装储运 (Packaging)

铁桶包装, 包装桶必须有良好的密封性, 不易破损。

Packing in iron barrel with excellent sealability and performance of non-dilapidation.

#### 操作安全提示 (Operation safety tips)

避免接触到眼睛, 使用时应戴好防护眼镜、手套。安全性信息详见材料安全数据表 (MSDS)。

Wear protective glasses to avoid contact with eyes, gloves when using. Safety information refer to the material safety data sheet (MSDS).



### 说明 1 (Explanation1)

由于它有较强的粘附（即破乳）能力，在使用过程中可能出现如下情况：

（一）该产品在吸附防塌的同时也可能吸附在振动筛网上，逐渐产生糊网现象，为此

1、YL-n 时需均匀按循环周加入，不可局部加入过多，以至在返出地面时，尚未完成吸附过程，从而产生糊网现象；

2、加少量 SP-80 减轻糊筛现象；

3、取下的筛网用柴油浸泡洗净后重复使用。

（二）沥青微粒在使用过程中每桶必须一次用完，最好直接在加重泵上或在泥浆罐上加入，若用齿轮泵或潜水泵抽入，需用泵先抽少量水后再抽该产品，在加完该产品后需再用水将泵洗干净，以免其吸附在泵及管线中。

（三）该产品在存储较长时间后，在包装桶的上部可产生约 1cm 厚的结皮，这属于正常现象，不是破乳。通过滚动或搅拌即可将其搅拌均匀。所以若发现有结皮现象，需先滚动或搅拌均匀再使用。

Having strong adhesive ability, it can cause the instance followed when used:

(一) Along with performing the function of collapse prevention, this product can make the mesh jammed. So that the following measure can be adopted:

1. Adding this product circularly instead of excessively adding in some part.

2. Adding a little SP-80.

3. Repeatedly use the abluent mesh.

(二) Every barrel of asphalt must be used up for one time. It had better be added directly to the slurry pot. Or else, it need some water inputted first when gear pump or diving pump is used.

(三) After a long time of storage, this product should be rolled or equably mixed round before reuse.

### ● 说明 2 (Explanation2)

YL-n(YL-50、YL-80、YL-100、YL-120、YL-140)， n—产品软化点

Softening Point of Cation Asphalt Emulsifier.