

SILUBIT FB 10

化学黏结剂/触变助剂

特性参数:

外观: 灰色粉末
堆积密度: 约 250g/l
pH (10%溶液): 约 7
二氧化硅含量: 约 80%
氧化铝含量: 约 14%
氧化钠含量: 约 1.5%

安全数据:

欧共体 EC 产品标签要求: 无相关要求

保存期 / 包装:

储存恰当且保持干燥情况下, 保存期为 12 个月
25 公斤袋装

应用:

SILUBIT FB 10 是用于耐火材料坯体的化学黏结剂, 具有触变性。

SILUBIT FB 10 用于振动成型坯体, 添加 3 - 5%能产生良好触变性。

用于水泥结合耐火材料, SILUBIT FB 10 的添加量为 2 - 7%, 同时水泥的用量可降到 5 - 10%。
SILUBIT FB 10 产生的结合强度可以减少水泥在转变温度范围 (500 - 1000°C) 结合力的下降。

注意事项:

铝酸盐水泥氧化铝含量不能低于 70%, 否则凝固速度会过快。

以上信息基于我们工厂和实验室的测试结果。实际应用中由于使用条件的改变, 以上信息仅作为参考, 我们不承担由此产生的任何责任。我们要求用户尊重第三方的权利。

发布: 2006 年 10 月 2 日

页码: 1/1



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SILUBIT FB 10

Chemical binder and thixotropic agent



Chemical basis:

Silicate preparation

Characteristics:

Appearance: grey powder
Bulk density: approx. 250 g/l
pH (10 %): approx. 7
SiO₂ content: approx. 80 %
Al₂O₃ content: approx. 14 %
Na₂O content: approx. 1.5 %

Safety data:

Labelling according to EC directives: not relevant

Shelf-life / Packaging:

12 months when stored properly and dry
bags of 25 kg

Application:

SILUBIT FB 10 is a chemical binder with thixotropic effect for refractory bodies.

When added as a thixotropic agent to vibration mixes, 3 to 5 % of the total body composition is required to bring about good thixotropy.

With alumina cement-bonded bodies the amount of SILUBIT FB 10 to be added is between 2 and 7 %. The amount of cement can be reduced to 5 to 10 %. The loss in strength in the critical temperature range for cement-bonded bodies (500 to 1000  C) is reduced by the use of this binder combination.

Note:

The alumina cement should have an alumina content of at least 70 %. There is a danger of too rapid setting if the cement has a lower alumina content.

The above results have been obtained from trials in our laboratory and plant. In the light of changing conditions they can serve only as a guide and are therefore offered without obligation. We ask you to observe the possible rights of third parties.

Issued: 09. October 2009