

Binder 21-11



化学特性

苯乙烯和丁二烯的共聚物所形成的水性乳液。

外观: 乳白色液体
离子电荷: 阴离子性
低温稳定性: 不抗冻

主要应用领域

锂电池负极粘合剂

技术参数

| | |
|------|--------------------------|
| 固含量* | 49.0 – 51.0 % |
| PH* | 6.0 – 7.0 |
| 粘度* | 80 – 400 mPa·s |
| 密度 | 约 1.02 g/cm ³ |

*具体信息请咨询当地巴斯夫代表

应用

Binder 21-11 是一种阴离子型的聚合物水性乳液。此款产品是为锂离子电池负极材料而专门设计的粘合剂。具有制浆稳定性良好，对负极活性材料和金属集流体粘结强度高，柔韧性优异，内阻低，循环性能优异，极片膨胀度小等特点，是通用型锂电池负极材料粘结剂。

Binder 21-11 不含任何有机溶剂，与羧甲基纤维素 CMC 溶液相混溶，与一般锂离子电池的负极材料完全相容，浆料稳定性好。

由于具体应用配方和工艺的差异，制浆时胶乳与其他负极材料组分的相容性，上胶时浆液稳定性，以及成型后胶乳对负极活性材料和集流体基材的粘接力等，都受到很多应用条件的影响，因此建议用户使用 Binder 21-11 时进行相应的应用测试。

储存

保存在 10°C ~ 30°C 阴凉通风的条件下，为六个月保存期。(详见储藏和运输说明)

本产品绝对不可以与裸铁，铜或者其合金接触。

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