

PP-301

REINFORCEMENT PASTE

增强性能组分

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PRODUCT OVERVIEW

产品介绍

PP-301 is an engineered reinforcement component developed for cement-based engineered stone manufacturing. Its function is not simply to introduce reinforcement into the material, but to enable reinforcement to be incorporated effectively and uniformly within the engineered mineral matrix under controlled processing conditions. PP-301 是为水泥基无人造石制造开发的工程化增强性能组分。其作用并非简单地向材料中加入增强材料，而是在受控加工条件下，使增强作用能够有效、均匀地建立于工程化矿物基体之中。

PRIMARY FUNCTIONS

主要功能

- Supports controlled incorporation and distribution of reinforcement
- Supports flexural and impact performance
- Supports crack resistance and structural integrity
- Promotes performance consistency within the integrated material system
- 支持增强作用的受控加入与均匀分布
- 支持抗折及抗冲击性能
- 支持抗裂性能及结构完整性
- 有助于完整材料体系中的性能一致性

APPLICATION

应用范围

PP-301 is intended for cement-based engineered stone manufacturing systems requiring improved flexural performance, impact resistance, crack resistance, structural integrity, and performance consistency. It is designed for use as an integrated reinforcement component within the complete material system.

PP-301 适用于对抗折、抗冲击、抗裂、结构完整性及性能一致性具有较高要求的无人造石制造体系。应作为完整材料工程体系中的增强性能组分使用，并根据产品尺寸、制造工艺及目标性能确定相应应用要求。

TECHNICAL INFORMATION

技术信息

Physical Form Paste	物理形态 膏状
Packaging Plastic-lined carton	包装 纸箱内衬塑料袋
Net Weight 20 kg	净重 20 kg
Shelf Life 6 months (sealed)	保质期 6 个月（未开封）

APPLICATION & DOSAGE

使用方法与推荐用量

Recommended dosage shall be determined according to the approved material system, product geometry, manufacturing process, and required performance. Uniform incorporation and distribution are important to achieving the intended reinforcement effect. Increasing dosage beyond the approved range should not be assumed to provide proportional performance improvement.

PP-301 推荐用量应根据经批准的材料体系、产品尺寸、制造工艺及目标性能确定。均匀加入和分布是实现预期增强效果的重要条件。不应认为超出批准范围增加 PP-301 用量会带来同比例的性能提高。

STORAGE & HANDLING

储存与操作

Store in a cool, dry place. Keep the inner bag securely closed after opening and protect from contamination or storage conditions that may adversely affect product quality. Detailed handling requirements shall follow the current approved TDS and SDS.

存放于阴凉干燥处。拆封后扎紧袋口保存，避免污染及可能影响产品质量的不良储存环境。详细操作要求以当前批准版本 TDS 及 SDS 为准。

PROPRIETARY TECHNOLOGY NOTICE

专有技术说明

PP-301 is a proprietary engineered reinforcement component developed by Nova Materials Group LLC. Public technical information describes engineering function, performance, application, and system interaction without disclosing product composition, reinforcement-material identity, raw-material information, component proportions, treatment methods, supply sources, preparation methods, or other information that could enable reverse engineering.

PP-301 是 Nova Materials Group LLC 开发的专有工程化增强性能组分。公开技术资料仅说明其工程功能、性能、应用及体系协同关系，不披露产品组成、具体增强材料、原材料信息、组分比例、处理方式、供应来源、制备方法或其他可用于反向推断产品技术构成的信息。

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