

PP-401

RHEOLOGY CONTROL PERFORMANCE PACKAGE

流变控制性能组分

Document No.	NMG-PP401-TDS	Revision	Rev. 1.0
Effective Date	August 26, 2026	Type	Public Technical Data Sheet

PRODUCT OVERVIEW

产品介绍

PP-401 is a rheology control performance package developed for cement-based engineered stone manufacturing. It is designed to stabilize fresh-state material behavior, support uniform material distribution, and improve manufacturing consistency under controlled processing conditions.

PP-401 是为水泥基无人造石制造开发的流变控制性能组分，旨在稳定新拌料状态、促进材料均匀分布，并在受控加工条件下提高制造过程的一致性。

PRIMARY FUNCTIONS

主要功能

- Supports fresh-state stability and rheological control
- Helps reduce bleeding, segregation, and aggregate settlement
- Promotes more uniform material distribution
- Supports consistent processing and manufacturing quality
- 有助于新拌料稳定及流变状态控制
- 有助于减少泌水、分层及骨料沉降
- 促进材料体系更加均匀地分布
- 有助于提高加工稳定性及制造质量的一致性

APPLICATION

应用范围

PP-401 is intended for cement-based engineered stone manufacturing systems requiring controlled fresh-state stability, material distribution, and manufacturing consistency, particularly where bleeding, segregation, aggregate settlement, water marks, local performance variation, or fresh-state variability adversely affect product quality.

PP-401 适用于需要对新拌料稳定性、材料分布及制造一致性实施控制的无人造石制造体系，尤其适用于泌水、砂粉分层、骨料下沉、水印、局部性能差异或料态波动影响产品质量的生产条件。

TECHNICAL INFORMATION

技术信息

Physical Form Powder	物理形态 粉体
Packaging Paper Valve Bag	包装 外阀纸袋
Net Weight Variable by order	净重 按订单确定
Shelf Life To be confirmed	保质期 待确认

APPLICATION & DOSAGE

使用方法与推荐用量

Dosage shall be determined according to the approved material system, actual fresh-state condition, processing sequence, environmental conditions, and required rheological behavior. The appropriate dosage is the dosage that establishes the required balance between stability and processability. Higher dosage should not automatically be interpreted as better rheological control.

PP-401 的用量应根据经批准的材料体系、实际料态、加工程序、环境条件及目标流变状态确定。合适的用量应以建立料态稳定性与加工性之间的合理平衡为判断依据，不应将更高用量简单理解为更好的流变控制。

STORAGE & HANDLING

储存与操作

Store in a cool, dry place. Keep packaging properly closed and protect from moisture and contamination. Detailed handling requirements shall follow the current approved TDS and SDS.

存放于阴凉干燥处，保持包装密闭并防止受潮。储存及使用过程中避免污染。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-401 is a proprietary Rheology Control Performance Package developed by Nova Materials Group LLC. Public technical information describes engineering function, performance, application, and system interaction without disclosing proprietary composition, raw-material information, chemical or trade names, component proportions, supply sources, preparation methods, or other information that could enable reverse engineering.

PP-401 是 Nova Materials Group LLC 开发的专有流变控制性能组分。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、原材料信息、化学品名称、商品名称、组分比例、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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