

POLYACRYLAMIDE



Polyacrylamide (PAM) is a linear polymer widely used in water treatment, papermaking, oil extraction, and other fields. Appearance: The solid product is white or slightly yellow granules or powder, and the gel product is colorless or slightly yellow transparent gel.

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PRODUCT ADVANTAGES

High-efficiency flocculation

01

Quickly make suspended particles and impurities in water form large flocs, accelerate sedimentation, and improve water treatment efficiency and water clarity

02 Stable quality

Strict formula research and development, raw material control, process supervision, and double supervision and inspection of finished products in and out of the warehouse ensure stable product quality and reduce the adverse effects caused by product quality fluctuations

03

Accurate selection

With a rich variety of product models, customized selection as needed to optimize treatment effects and reduce costs

APPLICATION FIELDS



Industrial sewage treatment/domestic sewage treatment/river/dredging/shield slurry/sand washing/mining/papermaking/textile/dyeing and printing, etc



Anionic polyacrylamide: various industrial wastewater treatment (such as printing and dyeing, pharmaceutical, food and other industries)/domestic sewage treatment/river dredging, etc



Cationic polyacrylamide: urban sewage/sewage treatment with negative charge/sewage sludge dewatering (removing moisture from sludge and reducing water content), etc



Nonionic polyacrylamide: plays a unique role in some specific industrial fields (such as the electronics industry, etc.)

QUALITY STANDARDS



INDICATOR ITEMS	CATIONIC	ANIONIC	NON-IONIC
Molecular weight/million	6~13	6~30	6~13
Ionic degree/%	5~95	10~50	1~5
Dissolution time/min≤	60	60	90
Residual monomer content/%≤	0.05		
Sieve residue/% (1mm screen)≤	5	2	2
Sieve residue/% (180 μm sieve)≥	85	88	88
Sulfate/g≤	0.05	1.0	1.0
Chloride/g≤	0.05	0.5	0.5

PACKAGING AND STORAGE

- 01 Solid: 25KG kraft paper bag (containing PE film).
- 02 Customized shipping marks/labels/ other packaging as required.
- 03 Transport capacity: 20 ~ 25 tons/ 20FCL.
- 04 Storage conditions: dry, ventilated and moisture-proof.



PRECAUTIONS



Polyacrylamide itself is non-toxic, but a small amount of acrylamide monomer may remain during the production process, which is somewhat toxic. It should be avoided to be ingested or come into contact with the skin when in use.



When storing, attention should be paid to moisture-proofing and sun protection, and it should be kept away from high temperatures and strong oxidants.



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聚丙烯酰胺



聚丙烯酰胺（PAM）是一种线型高分子聚合物，在水处理、造纸、石油开采等领域应用广泛。 外观：固体产品为白色或微黄色颗粒或粉末，胶体产品为无色或微黄色透明胶体。

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产品优势

01

高效絮凝

快速使水中悬浮颗粒、杂质等形成大的絮凝物，加速沉淀，提高水处理效率和水质澄清度

02

质量稳定

严格的配方研发、原材料把控、工艺流程监管以及成品出入仓的双重监督检测，确保产品质量稳定，减少因产品质量波动带来的不利影响

03

精准选型

拥有丰富的产品型号，按需精准订制选型，优化处理效果，降低成本

应用领域

工业污水处理/生活污水处理/河道清淤/盾构泥浆/洗沙/矿业/造纸/纺织/印染等

阴离子聚丙烯酰胺：各种工业废水处理（如印染、制药、食品等行业）/生活污水处理/河道清淤等

非离子聚丙烯酰胺：城市污水/带阴性电荷污水处理/污泥脱水（去除污泥中水分，降低含水量）等

非离子聚丙烯酰胺：在某些特定工业领域（如电子行业等）发挥独特作用

质量标准



指标项目	阳离子	阴离子	非离子
分子量/百万	6~13	6~30	6~13
离子度/%	5~95	10~50	1~5
溶解时间/min≤	60	60	90
残余单体含量/%≤	0.05		
筛余物/% (1mm 筛网) ≤	5	2	2
筛余物/% (180μm 筛网) ≥	85	88	88
硫酸盐/g≤	0.05	1.0	1.0
氯化物/g≤	0.05	0.5	0.5

包装与存储

01 固体：25KG 牛皮纸袋（PE 内衬膜）

02 按需定制唛头/标签/其他包装

03 运输容量：20-22吨/20尺柜

04 储存条件：干燥、通风、防潮



注意事项



聚丙烯酰胺本身无毒，但在生产过程中可能残留少量单体丙烯酰胺，有一定毒性，使用时应避免误食和接触皮肤。



储存时应注意防潮、防晒，避免高温和与强氧化剂接触。



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期待与您携手合作, 共创美好未来。欢迎来电来函咨询洽谈。