

F424 聚天门冬氨酸酯树脂

FEISPARTIC F424 POLYASPARTIC RESIN

产品概况 / PROFILE

本产品是典型的双官能度脂环族聚天门冬氨酸酯树脂，具有快干、低粘度的特点。可以与异氰酸酯固化剂配套制备快干天冬聚脲涂料、胶粘剂等产品，兼顾良好的硬度及柔韧性。

FEISPARTIC F424 is typical bifunctional cyclic polyaspartic resin with fast drying and low viscosity characteristics. It can be used in conjunction with isocyanate hardener to prepare fast drying polyaspartic polyurea coatings, adhesives, and other products, while maintaining good hardness and flexibility.

产品特点 / PROPERTY

- 低粘度，适用于胶黏剂及无溶剂天冬聚脲涂料；
Low viscosity, suitable for adhesive and solvent-free polyaspartic polyurea coatings;
- 属于快干性产品，但比 F420 适用期更长；
Fast drying, longer pot life than FEISPARTIC F420;
- 高耐候性，本品配合脂肪族固化剂制备的天冬聚脲涂层能够确保卓越的耐候性能；
High weather resistance, the polyaspartic polyurea coating prepared with FEISPARTIC F424 in combination with aliphatic hardener can ensure excellent weather resistance performance;
- 本品为含环己基结构的典型天冬树脂，具有突出的力学性能。涂层兼具高拉伸强度、高柔韧性特点。
FEISPARTIC F424 is a typical polyaspartic resin with a cyclohexyl structure and exhibits outstanding mechanical properties. The film prepared with FEISPARTIC F424 can have both high tensile strength and high flexibility.

产品用途 / APPLICATIONS

- 作为主体树脂用于制备天冬聚脲涂料及胶黏剂。建议用于工业防腐、地坪、防水及砂石粘接等领域，用于制备各类耐候型面漆产品；
Used as the main resin for preparing polyaspartic polyurea coatings. Suggested to use in fields like industrial anti-corrosion, flooring, waterproofing and sand binder, etc., to make weather resistant topcoat products.

产品指标 / INDEX

项目 INDEX	指标 VALUE
外观 Appearance	微黄至浅黄色透明液体 Yellowish to light yellow transparent liquid
色泽 Hazen (Pt-Co)	≤400
固含量 Solid Content (%/105°C, 2h)	≥99.0
胺值 Amine value (mg KOH/g)	160-180
NH 当量 Amine Equivalent (g/mol)	333
相当于 OH 含量 Equivalentl hydroxy content (%)	5.10
黏度 Viscosity (mPa.s/25°C)	400-700
水份 Moisture content (%)	≤0.1
相对密度 Relative density (25°C)	1.02±0.02

包装规格 / PACKING

200KG/桶, 20KG/桶

200 Kgs/Drum, 20 Kgs/Drum

保质期 / SHELF LIFE

本品建议存放在干燥通风的仓库中, 贮存温度不宜高于 35°C。保质期 12 个月。

FEISPARTIC F424 is recommended to store in a dry and ventilated storehouse, and the storage temperature should not exceed 35 °C. Shelf life of 12 months.

注: 本说明书仅供参考之用, 不作任何保证之用。鉴于树脂功能的局限性及用户要求的多样性, 使用时请严格试验本产品的适应性及最终产品的稳定性。我们保留不提前通知而修改提供数据的权利。

Note: This manual is for reference only, without any warranty. In view of the limitation of resin function and the diversity of user requirements, please strictly test the adaptability of the product and the stability of the final product. The technical information is subject to change without prior notice.