

TECHNICAL DATA SHEET

K5 Standard Tapioca CMS Flake

Document number	KARN-TDS-K5-FLK-02
Edition	Public controlled flake specification 02
Issue date	17 July 2026
Supplier	KARN Textile Chemicals Hangzhou Zhejiang China

1 Product identity

This specification applies to K5 flake only K5 follows a tapioca raw material route The powder specification is controlled separately

Property	Published value	Control note
Product code	K5	K5 flake specification
Raw material route	Tapioca	Verified
Appearance	Flake	K5 flake
Degree of substitution	0.3	User confirmed specification
Nominal viscosity	24000 mPa·s	User confirmed specification
Viscosity tolerance	±10 percent of nominal	Applied to nominal viscosity
Viscosity range	21600 to 26400 mPa·s	Calculated from nominal ±10 percent
Test concentration	5 percent solution	Viscosity condition
Viscometer	NDJ-8 rotational viscometer	Viscosity condition
Spindle and speed	Spindle number 4 at 6 r/min	Viscosity condition
pH	Not published in this edition	Not confirmed
Solubility	Not published in this edition	Not confirmed
Packing	Not published in this edition	Confirm current order requirement

2 Textile printing enquiry scope

KARN accepts grade evaluation enquiries for discharge printing burn out printing disperse printing and reactive printing No grade suitability is assigned by this public sheet alone

3 Technical confirmation route

Provide the printing process fabric and recipe context Final process suitability and the purchasing specification must be confirmed with a representative sample and the applicable current KARN document

CONTROL NOTE This edition publishes the confirmed K5 flake specification only It does not apply to powder form or another grade Packing process suitability and the final order specification remain subject to written order confirmation

技术数据表

K5 普通型木薯羧甲基淀粉片状

文件编号	KARN-TDS-K5-FLK-02
版本	公开受控片状规格版 02
发布日期	2026 年 7 月 17 日
供应方	KARN 纺织化学品 中国浙江杭州

一 产品身份

本规格仅适用于 K5 片状产品 原料路线为木薯 粉状产品规格单独受控

项目	公开信息	控制说明
产品型号	K5	K5 片状规格
原料路线	木薯	已确认
外观	片状	K5 片状
取代度	0.3	用户确认规格
标称粘度	24000 mPa·s	用户确认规格
粘度公差	标称值 ±10%	按标称粘度计算
粘度范围	21600 to 26400 mPa·s	按标称值 ±10% 计算
测试浓度	5% 溶液	粘度测试条件
粘度计	NDJ-8 rotational viscometer	粘度测试条件
转子与转速	4 号转子 6 r/min	粘度测试条件
pH	本公开版不发布	尚未确认
溶解特性	本公开版不发布	尚未确认
包装	本公开版不发布	通过当前订单要求确认

二 纺织印花咨询范围

KARN 接受雕印 烂花印花 分散印花和活性印花的等级评估咨询 本公开数据表本身不指定任何等级的工艺适用性

三 技术确认路径

请提供印花工艺 面料和配方背景 最终工艺适用性和采购规格须通过代表性样品及适用的当前 KARN 文件确认

受控说明 本版仅公开已确认的 K5 片状规格 不适用于粉状形态或其他等级 包装
工艺适用性与最终订单规格仍以书面订单确认为准