



SILIT-PR-K30

TECHNICAL DATA SHEET

Introduction

SILIT-PR-K30 is a nonionic polymer compound. It is the most distinctive and widely studied fine chemical in N-vinyl amide polymers. It is mainly divided into three grades of industrial grade, pharmaceutical grade and food grade. And homopolymer, copolymer and crosslinked polymer series with molecular weight ranging from thousands to more than one million. K30 is one of the polyvinylpyrrolidone products with K value 30.

Properties

➤ Appearance	Industrial grade: light yellow powder
➤ Water content, %	≤3.5%
➤ Ionic	Nonionic
➤ Ph(25°C, 1g to 20g)	3-7
➤ K value	30

Application

There is lactam structure in its molecules, which has strong binding force with hydroxyl, amino, and carboxyl groups. Dyes often contain these functional groups, so this product has strong affinity with organic dyes. Sometimes this affinity even exceeds the binding force between dyes and fibers, hence it's named "liquid fiber". By utilizing this property of this product, the affinity between some hydrophobic fibers and dyes can be increased, thereby improving the dyeability of such fibers. Another application, due to the presence of floating colors in the dyeing solution and surface of some fabrics after dyeing, they may stain back to fabric in the subsequent wet finishing process, causing pollution and uneven color shade. Adding this product can disperse and stabilize the floating colors in the water bath to prevent staining back.



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Package

Paper drum with PP plastic bag with double layers inside, 25kg

Storage and shelf-life

When stored in the original unopened packaging at a temperature of between +2°C and +40°C, **SILIT-PR-K30** can be used for up to 24 months after the date of manufacture marked on the packaging (DLU). Comply with storage instructions and the expiry date marked on the packaging. Past this date, **SHANGHAI VANA BIOTECH** no longer guarantees that the product meets the sales specifications.
