

## Star-Tech & JRS Specialty Products Co., Ltd. No.1 Huanan Road, Changshou District,

No.1 Huanan Road, Changshou District, Chongqing 401221, China Tel: +86 23 6302 6003 Fax: +86 23 6898 1156 www.chinassp.net

## **Technical Data Sheet**

## **Starind K90P**

## (PVP K90 Powder)

1. INDENTIFICATION OF THE SUBSTANCE		
Product Name	Starind K90P (PVP K90 Powder)	
Chemical Name	Polyvinylpyrrolidone	
Structure Formula	$\begin{bmatrix} N & O \\ C & C \\ H_2 & H \end{bmatrix}_n$	
Molecular Formula	(C <sub>6</sub> H <sub>9</sub> NO) <sub>n</sub>	
CAS-No.	9003-39-8	
Product Applications	Mainly used as adhesive, dispersant, pore-foaming agent, film-forming agent and etc.	
2. PHYSICAL AND CHEMICAL PROPERTIES		
Characteristics	Specification	Test Reference
Characteristics Appearance	Specification  White to off-white powder or flakes with faint characteristic odor	Test Reference  SSP method
	White to off-white powder or flakes with faint	
Appearance	White to off-white powder or flakes with faint characteristic odor	SSP method
Appearance K-Value	White to off-white powder or flakes with faint characteristic odor  86.0~98.0	SSP method SSP method
Appearance K-Value Solids Content, %	White to off-white powder or flakes with faint characteristic odor  86.0~98.0  95.0~100.0	SSP method SSP method SSP method
Appearance K-Value Solids Content, % pH	White to off-white powder or flakes with faint characteristic odor  86.0~98.0  95.0~100.0  4.0~9.0  ≤1000	SSP method SSP method SSP method SSP method
Appearance K-Value Solids Content, % pH NVP, ppm	White to off-white powder or flakes with faint characteristic odor  86.0~98.0  95.0~100.0  4.0~9.0  ≤1000	SSP method SSP method SSP method

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SSP 斯蒙克 Star-Tech & JRS Specialty Products Co., Ltd. No.1 Huanan Road, Changshou District, Chongqing 401221, China Tel: +86 23 6302 6003 Fax: +86 23 6898 1156 www.chinassp.net

Storage	Store in tight containers	
Re-evaluation Date	36 months	
4. OTHER INFORMATION		
Important Note	SSP recommends that customers independently test and evaluate their products and processes in which SSP products are used in order to decide their effectiveness	

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