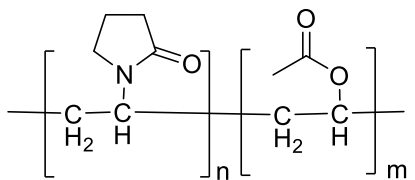


Technical Data Sheet

Starpc VA64 50%S

(PVP/VA64, 50% Solution)

1. IDENTIFICATION OF THE SUBSTANCE		
Product Name	Starpc VA64 50%S (PVP/VA64, 50% Solution)	
Chemical Name	Vinylpyrrolidone/vinyl acetate copolymer	
Structure Formula		
Molecular Formula	$(C_6H_9NO)_n (C_4H_6O_2)_m$	
CAS-No.	25086-89-9	
Product Applications	Particularly used in hair spray and gels, setting lotions and mousses.	
2. PHYSICAL AND CHEMICAL PROPERTIES		
Characteristics	Specification	Test Reference
Appearance	Clear and colorless to slightly yellowish liquid, with faint characteristic odor	SSP method
K-Value	26.0~34.0	SSP method
Solids Content, %	48%~52%	SSP method
pH	5.0~7.0	SSP method
NVP, ppm	≤50	SSP method
VAc, ppm	≤50	SSP method
Heavy metals, ppm	≤10	SSP method

3. PACKAGE AND STORAGE	
Package	1,000kg IBC
Chemical Stability	Stable under normal conditions
Storage	Store in tight containers
Re-evaluation Date	12 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