



135 Newbury Street, Framingham, MA 01701

(800) 238-0001 (508) 270-1800 FAX (508) 872-1566

Website: www.aicma.com Email: info@aicma.com

Specification Sheet

POVIDONE NF (Sunvidone® K-90)

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
K90SCP	3280	9003-39-8	March 29, 2012	RMK	No. 2	NSG

CHARACTERISTICS:	<p>Povidone is a synthetic polymer consisting essentially of linear 1-vinyl-2-pyrrolidinone groups, the degree of polymerization of which results in polymers of various molecular weights. The different types of Povidone are characterized by their viscosity in aqueous solution, relative to that of water, expressed as a K-value. The K-value of Povidone having a stated K-value or a stated K-value range with an average of more than 15 is not less than 90.% and not more than 108.0% of the stated value or of the average of the stated range. It contains not less than 11.5% and not more than 12.8% of nitrogen (N:14.01), calculated on the anhydrous basis. It has a nominal K-value of not less than 10 and not more than 120. The nominal K-value is shown on the label. White to yellowish-white hygroscopic powder. Soluble in water and organic solvents.</p>
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SPECIFICATIONS:	Identification A, B, C	
	A	To pass test
	B	To pass test
	C	To pass test
	D	To pass test
	Nitrogen determination (anhydrous)	11.5-12.8%
	Residue on ignition	Not more than 0.1%
	Lead	Not more than 10 ppm
	Limit of Aldehyde	Not more than 0.05%
	Limit of Hydrazine	Not more than 1 ppm
	Vinylpyrrolidone	Not more than 0.001%
	2-Pyrrolidone	Not more than 3.0%
	Peroxides (as H ₂ O ₂)	Not more than 400 ppm
	Formic acid	Not more than 0.5%
	pH	4.0-7.0
	Water	Not more than 5%
K-value	90.0-108.0%	
Residual solvents	None used	

STOCKING POINTS:	Not currently in stock. Will bring to nearest warehouse as needed and as volumes require.
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PACKAGING:	20 kg fiber drums with PE Liner; 12 drums/pallet
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APPLICATIONS:	Used as a tablet binder/excipient in pharmaceuticals
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SHELF LIFE AND SPECIAL STORAGE INSTRUCTIONS:	Store under cool dry conditions in original unopened containers. Retest after 3 years.
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