



American International Chemical, Inc.

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SPECIFICATION SHEET

CARBOMER 990P NF

(Kadpol 990P)

Carbomer Homopolymer Type C

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
CR990P	2915	9003-01-4	July 5, 2011	MDS	No. 1	MPR

CHARACTERISTICS:	White powder with slightly acetic odor that is soluble in water, alcohol and glycols. Manufactured using ethyl acetate and is benzene free.
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SPECIFICATIONS:	Assay (carboxylic acid groups)	56.0-68.0%
	Identification	
	A	To pass test
	B	To pass test
	C	To pass test
	D	To pass test
	Loss on drying	2.0% max
	Viscosity (0.5% water)*	55,000-65,000 cps
	Heavy metals (Pb, Hg, As, Sb)	20 ppm max
	Residual solvents	
	Ethyl Acetate	0.5% max
	Benzene	0.5 ppm max
	Clarity @ 0.5% Transmission (neutralized solution, 420 nM light)	80% min
	pH (water dispersion) @1.0%	2.0 - 4.0
*Brookfield RVF or RVT Viscosity, (mPa•s)	20 rpm at 25°C, neutralized solutions	

PACKAGING:	50 lb P.E. bag in cartons; 24 cartons per pallet or 1200lbs 10 pallets per container (12,000 lbs)
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APPLICATIONS:	Thickening, suspending and stabilizer agent in oral care and cosmetic formulations. Superior to 950 grade because it is benzene free.
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SHELF LIFE AND STORAGE INSTRUCTIONS:	Retest after 4 years, if kept unopened in a cool and dry area away from heat and direct sunlight.
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