

SPECIFICATION

PRODUCT NAME	:	KADPOL™ 934 - 940 - 941
General INCI Name	:	CARBOMER
Appearance	:	White Fluffy Powder Hygroscopic
Odor	:	Slightly Acetic
Packing	:	5 / 18 / 20 Kgs CARTON BOXES
Storage	:	Keep in Air Tight Container below 40 Deg

	Solubility	%SOLUTION	MINIMUM	MAXIMUM	
Brookfield RVF or RVT Viscosity, (mPa•s): (20 rpm at 25°C, neutralized solutions)	When Neutralize With Alkali Hydroxide Or Amine It Dissolve In Water Alcohol And Glycerin	0.2%	2,050	5,450	
Kadpol™ 934 Polymer		0.5%	30,500	39,400	
Kadpol™ 940 Polymer		0.2%	19,000	35,000	
		0.5%	40,000	60,000	
		1.0%	45,000	80,000	
Kadpol 941™ Polymer		0.05%	700	3,000	
		0.2%	1,950	7,000	
		0.5%	4,000	11,000	
Loss on Drying					
Kadpol™ 934 Polymer		--	--	--	2.0%
Kadpol™ 940 Polymer	--	--	--	2.0%	
Kadpol™ 941 Polymer	--	--	--	2.0%	
Heavy Metals (Pb, As, Hg, Sb)	--	--	--	20ppm	
Residual Solvent, % * (Benzene)	--	--	--	0.5%	
IN HOUSE SPECIFICATION					
Clarity % Transmission (neutralized solution, 420 nM light)					
Kadpol™ 940 Polymer	--	0.5%	80%	--	
pH, (Water Dispersion)	--	0.5%	2.5	3.5	

* We can meet the requirement of residual benzene level of 0.1% for Canada, Europe & Korea