STEVENSON'S HUMIC SUBSTANCES

(pigmented polymers)

FULVIC ACID

HUMIC ACID

HUMIN

LIGHT YELLOW YELLOW BROWN

DARK
BROWN

GREY BLACK

BLACK

	Increase in intensity of color	
	Increase in degree of polymerization	
2.000	Increase in molecular weight	300.000
45%	Increase in carbon content	62%
48%	Decrase in oxygen content	30%
1.400	Decrase in exchange acidity	500
	Decrase in degree of solubility	

Chemical properties of humic substances. (Stevenson 1982)

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