

Product Data Sheet

Polymeric Plasticizers

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Applications

Polymeric plasticizers are used in PVC applications to provide flexibility, softness and lower modulus values and to maintain these characteristics after exposure of the PVC compound to severe use conditions or harsh environments. Polymerics are more permanent (stable) under extended, high heat conditions and less likely to volatilize out of the PVC compound than are monomeric plasticizers. Polymeric plasticizers are resistant to extraction (leeching) by solvents, oils and fluids, and they resist migration to other polymer compounds in contact with the PVC material. In short, polymeric plasticizers provide greater permanence than monomerics in PVC applications.

Product	Appearance	Colour in	Specific Gravity	Acid No.	Viscosity
		Hazen		(mgKOH/gm)	(Cps)
NK 9436	Viscous Liquid	150 Max	1.185 <u>+</u> 0.01	5 Max	2000 – 5000
NK 8634	Viscous Liquid	200 Max	1.165 <u>+</u> 0.01	30 Max	2500 – 6500
NK 5436	Viscous Liquid	150 Max	1.14 <u>+</u> 0.01	5 Max	1500 – 4500
NK 11436	Viscous Liquid	200 Max	1.05 – 1.15	10 Max	4000 - 8000

Works:

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