



KANATOL – PA-110

POLYESTER ADIPATE (K-PA-110)

LIGHT COLOUR VISCOUS LIQUID

Specification	Characteristics	Unit	Test Method	Value
	Colour	HU	ASTM-D-1045-08	200 max.
	Acid value	wt. %	ASTM-D-1045-08	20.0 max.
	Moisture	wt. %	ASTM-E-203-08	0.10 max.
	Specific Gravity (27 °C)	-	ASTM-D-1045-08	1.204 – 1.210
	Hydroxyl Value	Mg KOH/gm	ASTM-D-1045-08	50 max.
	Viscosity at 27 °C	cps	KLJTM	11000 ± 500
	Refractive Index (27 °C)	–	ASTM-D-1045-08	1.443-1.449.

Properties

Kanatol-PA-110 is linear Polyester Polyols, have a low melting and glass transition temperature.

Kanatol-PA-110 is highly resistance to solvents and flame but, poor hydrolytic stability.

Application

Kanatol-PA is mainly used as high molecular weight plasticizer and as a prepolymer reactants in the synthesis of poly urethanes. When added to or copolymerized with thermoplastics they impart flexibility, reduce melt viscosity and lower the elastic modulus and glass transition temperature.

Note: Usefulness or suitability of this product for a particular application is solely the responsibility of the end-user. The information relates only, to the specific material designated and may not be valid or such material used in combination with any other materials or in any process.

Packing & Storage

K-PA-110 is packed in 240/260kg iron drum only. It is stored in tightly closed container, in a cool & dry, ventilated area.

Shelf life

K-PA-110, has minimum shelf life of 24 months, if It is stored in tightly closed container, in a Cool & dry, ventilated area.

Total Solution in Plasticizers