



## KANATOL-PA-33

### POLYESTER ADIPATE ( K-PA-33)

### LIGHT COLOUR VISCOUS LIQUID

Specification	Characteristics	Unit	Test Method	Value
	Colour	HU	ASTM-D-1045-08	60 max.
	Acid value	wt. %	ASTM-D-1045-08	6.0 max.
	Moisture	wt. %	ASTM-E-203-08	0.10 max.
	Specific Gravity (27 °C)	-	ASTM-D-1045-08	1.187 – 1.193
	Hydroxyl Value	Mg KOH/gm	ASTM-D-1045-08	20 max.
	Viscosity at 27 °C	cps	KLJTM	3500 ± 400
	Refractive Index (27 °C)	–	ASTM-D-1045-08	1.441-1.447.

#### Properties

**Kanitol-PA-33** is linear Polyester Polyols, have a low melting and glass transition temperature.

**Kanitol-PA-33** is highly resistance to solvents and flame but, poor hydrolytic stability.

#### Application

Kanitol-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-33** is packed in 240/250kg iron drum only. It is stored in tightly closed container, in a cool & dry, ventilated area.

#### Shelf life

**K-PA-33**, 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