

Section 1 - PRODUCT SPECIFICATIONS

- DOTP is the phthalate-free plasticizer . It is excellent general purpose plasticizer for flexible PVC.
- DOTP is the equal to or better than the other general purpose of phthalate plasticizers.
- It has good mechanical and performance properties and low temperature flexibility. It also provides low viscosity in plastisols with good viscosity stability. PLASTSOFT has good compatibility with polyvinyl chloride, polystyrene, cellulose, nitrate, methylcellulose, polymethyl methacrylate, major polymers and resins. It can be used in medical applications including tubing films, bags, gloves, children's toys, childcare articles, food contact materials, stretch film, cable and wires, artificial leather. It is widely available and tested. and has a comprehensive toxicological portfolio, which indicates that it can be used in toys, beverage packaging and medical devices.

Section 2 - Properties

PARAMETER	VALUE	METHOD
MOLECULAR WEIGHT g/mol	390	
ESTER CONTENT Min	99.50	ASTM D3465
APPEARANCE	Clear Liquid	ASTM D 4176
ODOR	Characteristic	ASTM D 1296
COLOUR. Hazen. MAX	30	ASTM D1209
ACIDITY (Mg, KOH/g) Max	0.1	ASTM D 974
REFRACTIVE INDEX. 20C	1.489 + 0.003	ASTM D 1747
SPECIFIC GRAVITY .20C	0.983 ÷ 0.002gr/ cm ³	ASTM D 1298
FLASH POINT	> 218°C	ASTM D 92
WATER CONTENT Max %	0.05	ASTM D 1364
VISCOSITY. cp ' 25°C	60-68	BROOKFIELD
VISCOSITY. cp 20°C	78-90	
FREE ALCOHOL Max %	0.1	GC/MS