



plastifay kimya
endüstrisi a.ş.®

PRODUCT SPECIFICATIONS

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PRODUCT NAME	PLASTSOFT (DI OCTYL TEREPHTHALATE)
CAS NO	6422-86-2

SPECIFICATIONS

PARAMETER	VALUE	METHOD
MOLECULAR WEIGHT g/mol	390	
ESTER CONTENT Min	99,50	ASTM D3465
APPERANCE	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 ,20 C	1.489± 0.003	ASTM D 1747
SPECIFIC GRAVITY , 20 C	0,983 ± 0,002 gr/cm ³	ASTM D 1298
FLASH POINT	≥218 °C	ASTM D 92
WATER CONTENT Max %	0.05	ASTM D 1364
VISCOSITY ,cp, 25 °C VISCOSITY ,cp, 20 °C	60-68 78-90	BROOKFIELD
FREE ALCOHOL Max %	0.1	GC/MS

APPLICATION

PLASTSOFT is the phthalate-free plasticizer .It is excellent general purpose plasticizer for flexible PVC. PLASTSOFT offers performance equal to or better than the other general purpose of Phthalate plasticizers. It has good mechanical and permanence 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 toys ,childcare article ,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.