



UPC Chemicals (Malaysia) Sdn. Bhd.

(1062953-K)

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PRODUCT SPECIFICATION

PRODUCT	Di(2-ethylhexyl)phthalate (DEHP); Dioctyl Phthalate (DOP)
MOLECULAR FORMULA	$C_{26}H_{44}O_4$
CAS NO	117-81-7
GRADE	General ML

SPECIFICATIONS

Color (APHA)	25	Max.	ASTM D1209
Acid Value (mgKOH /g)	0.05	Max.	ASTM D1045
Water Content (wt%)	0.05	Max.	ASTM E203
Volume Resistivity (Ω -cm, 30°C)	0.5×10^{11}	Min.	ASTM D1169
Specific Gravity (20/20°C)	0.986±0.003		ASTM D1298
Refractive Index (25°C)#	1.485±0.003		ASTM D1045
Ester Content (wt%)	99.6	Min.	GC

⊙ Remark:

The test item with # indicates that it is not reflected in COA.

⊙ Applications :

DOP is the most commonly used PVC plasticizer. It is a colorless and high-boiling liquid. DOP is highly stable to light and soluble in most solvents. It also has a good compatibility with cellulose nitrate.

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