

## DOP

(DIOCTYL PHTHALATE ,DI-2-ETHYLHEXYL PHTHALATE)

- Most common plasticizer of phthalate. It is well mixed with PVC(Poly Vinyl Chloride) and PVA(Poly Vinyl Acetate).  
It is used for leather, seats, PVC films, electrical wires, plastic products and paint.

ITEM	DOP
Color(APHA)	20↓
Specific gravity (20/20°C)	0.986 ± 0.003
Acid value (KOH mg/g)	0.02↓
Ester value	287 ± 3
Refraction index (nD25)	1.485 ± 0.003
Heat loss (wt%)	0.07↓
Volume resistance (Ωcm, 30°C)	4.0 × 10 <sup>11</sup> ↑

## TEST METHOD

ITEM	TEST METHOD
Color(APHA)	B06-PD01 (JIS K 6751)
Specific gravity (20/20°C)	B06-PD02 (JIS K 6751)
ACID VALUE (KOH mg/g)	B06-PD04 (JIS K 6751)
Refraction (nD25)	B06-PD03 (JIS K 6751)
Volume resistance ( Ωcm, 30°C)	B06-PD08 (JIS K 6751)
Viscosity (cps, 25°C)	B06-P005 (ASTM D 4878)

Origin: Republic of KOREA