

## Technical Data Sheet

**Product name: DOP**

بازرگانی پیلار  
واردات و فروش مستقیم مواد شیمیایی  
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Chemical Name: DIOCTYL PHTHALATE , DI-2-ETHYLHEXYL PHTHALATE

ITEM	UNIT	SPECIFICATION	RESULT
Specific Gravity	(20/20°C)	0.986±0.003	0.986
Acid value	(KOH mg/g)	0.02 Max	0.01
Ester value	%	99.00	99.95
Refraction index	(N. 25/D)	1.485±0.003	1.4847
Heat loss	(125 °C, 3hr) (wt%)	0.06 Max	0.030
Volume resistance	(Ω-cm, 30°C)	4.0x10 <sup>11</sup> Min	6.0
Water Content	%	-	0.01
Acid Value after Heating	KOH MG/G	-	0.01
Color	(APHA)	18 Max	10

### Application:

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.