



Di Octyl Phthalate (DOP)

SN	PARTICULARS	UNITS	SPECIFICATION	VALUE
1	Colour	HU	ASTM- D- 1045- 86	20 max
2	Volatile Loss (130c/ 3Hrs)	wt%	KLJTM	0.10 max
3	Ester Value	mg KOH/ g	ASTM- D- 1045- 86	284- 290
4	Acidity	wt%	ASTM- D- 1045- 86	0.01 max
5	Moisture	wt%	ASTM-E- 203	0.10 max
6	Specific Gravity (27°C)	-	ASTM- D- 1045- 86	0.980- 0.986
7	Ester content	wt%	ASTM- D- 1045- 86/ISI- 9591- 96	99.50 min
8	Heat Stability (180c/ 2Hrs)	HU	ISI- 9591- 96	No change
9	Acidity after heat treatment	wt%	ASTM- D- 1045- 86	0.03





Di Octyl Phthalate (DOP)

SN	PARTICULARS	UNITS	SPECIFICATION	VALUE
10	Plasticizing Esters by GC	% by area	KLJTM	99.50 min
11	Residual alcohol	% by area	KLJTM	0.10 max
12	Volume Resistivity	Ohm cm	KLJTM	2±0.2 x 10 ¹¹
13	Boiling Point @ 7 mbar	°C	lit.	231
14	Pour point	°C	lit.	- 46
15	Viscosity at 20c	cp	KLJTM	82±
16	Flash point	°C	KLJTM	218
17	Refractive Index (27c)	-	ASTM- D-1045- 86	1.484-1.488