

rev: 01
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PLASTICISER
DOTP-H (DIOCTYL TEREPHTHALATE)

PARAMETER	VALUE	METHOD
MOLECULAR WEIGHT	390,57	
FORMULA	$C_{24}H_{38}O_4$	
FORM	LIQUID	
COLOR (Pt-Co Scale)	Max.60	ASTM D1045-08(1209)
ESTER CONTENT (GC-MS) (%)	Min.99,8	ASTM D3465
ACIDITY (as phthalic acid - wt %)	0,02 (± 0,01)	ASTM D1045-08
SPECIFIC GRAVITY @ 20°C (g/cm ³)	0,980 (±0,005)	ASTM D1045-08(D287-D4052)
REFRACTIVE INDEX (n ^D ₂₀)	1,4895 (± 0,001)	ASTM D1045-08(D1218)
VISCOSITY @25°C (cP)	60 (± 10)	BROOKFIELD METHOD
WATER CONTENT (KARL FISHER)	NONE	ASTM D1045-08(E203)
FREEZING POINT (°C)	-48	
BOILING POINT @ 760 mm Hg (°C)	400	
OPEN CUP FLASH POINT (°C)	218 (± 3)	ASTM D-92
VAPOR PRESSURE (%)	217 (1,33mbar)	
VOLATILE SUBSTANCES (%)3hours at 125°C	Max. 0,5	ILL 003/1-04-48

