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Typical Product Specifications & Properties

Dibutyl Phthalate

CAS Number: : 84-74-2

Specifications	Limits
Density	1.0484 (2020 c)
Surface Tension	33.4 dynescm
Dielectric Constant	6.44
Auto/Self Ignition Temperature	temp.402 c
Appearance	Clear and free of suspended matter
Color, APHA	40 max
Specific gravity (@20/20C)	1.047 - 1.050
Acidity, as Phthalic Acid	0.01% max
Water Content	0.15% max
Refractive index nD at 20°C	1.489 - 1.494
Ester content	99.5% Min
Insolubility	in water



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Specifications	Limits
Refractive Index	1.4920
Odor	odorless
Color	colorless to yellow stable oily liquid
Molecular weight	278.17
Flash Point	(coc) 340 f
Boiling Point	340 c
Chemical Structure	<p>Chemical structure diagram showing a benzene ring substituted with two ester groups and a propyl chain. The structure is overlaid with the Parchem logo and 'fine & specialty chemicals' text.</p>



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