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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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