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Typical Product Specifications & Properties

Dibutyl Maleate

CAS Number: : 105-76-0

Specifications	Limits
Density	0.9964 (2020 c)
Acid Value, mg KOH/g	0.20 max
Fumaric acid dibutyl ester	5.0% max
Appearance	Clear Liquid
Molar Mass	228.3
Freezing Point (°C)	NMT -50
Water	500mg/kg max
Density, gm/cc, 20°C	0.993 - 0.995
Platinum - Cobalt- Color Number	25 max
Solubility in water at 20°C	0.35 g/l
Refractive index nD at 20°C	1.445 - 1.446
Maleic acid and fumaric acid dibutyl ester	98.5% max



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Specifications	Limits
Color	colorless oily liquid
Refractive Index	1.4540-1.4561
Insolubility	in water
Melting Point	-85 c (sets to glass)
Molecular weight	228.29
Flash Point	(oc) 285 f
Solubility	many org. solvs.
Boiling Point	274-277 c
Chemical Structure	 <chem>CCCCC=CC(=O)OCCCC</chem>



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