

Product Specification

Product: Dibutyl phthalate (DBP)
Item No.: 100022

Description	Unit of Measure Code	Minimum Value	Maximum Value
Purity	% WT	99	100
Water	% WT		0,15
Colour	HAZEN		30
Density at 20 °C	KG/L	1,041	1,051
Refractive index at 25 °C		1,489	1,493
Acid value			0,1

1.Properties and usage :

Colorless transparent oily liquid, slightly with fragrance, Molecular formula C₁₆H₂₂O₄, Molecular weight 278.35, Relative Density (d_{1.045} (25/20), with a strong ability to dissolve. have excellent compatibility with most organic solvents and hydrocarbons nitrocellulose, polystyrene and others , cellulose resin and PVC primary plasticizer. Especially suitable for nitrocellulose coating with excellent solubility, dispersion, adhesion, flexibility and stability of the film are good; good compatibility with pigments for the coloration of the film, artificial leather and other plastic products; also For PVC, alkyd resins, ethyl cellulose and neoprene as plasticizer and softener in order to improve the resilience of the article.

2. Technical index

Index name	Index		
	Top grade	First grade	Qualified product
Appearance	transparent, oily liquid without visible impurities		
Chroma / (Pt-Co)# ≤	20	25	60
Purity % ≥	99.5	99.0	99.0
Flash point (open)°C ≥	160	160	160
Density (ρ ₂₀)g/cm ₃	1.044-1.048		
Acidity (as phthalic acid) % ≤	0.07	0.12	0.20
Moisture % ≤	0.1	0.15	0.20