



Technical Data Sheet

Methyltetrahydrophthalic Anhydride (MTHPA) B1014

INTRODUCTION

Synonyms: Methyltetrahydrophthalic anhydride; Methyl-4-cyclohexene-1,2dicarboxylic anhydride; MTHPA cyclic, carboxylic, anhydrides

PRODUCT SPECIFICATION

Appearance Colorless liquid

Anhydride Content $\geq 41.0\%$

Volatile Content $\leq 1.0\%$

Free Acid $\leq 1.0\%$

Freezing Point $\leq -15^\circ\text{C}$

Viscosity(25°C) 30-70 mPa·S

Structure Formula: $\text{C}_9\text{H}_{10}\text{O}_3$

PHYSICAL AND CHEMICAL CHARACTERISTICS

Physical State (25°C): Liquid

Appearance: Colorless liquid

Molecular Weight: 166.17

Specific Gravity (25/4°C): 1.16

Water Solubility: decomposes

Solvent Solubility: Slightly Soluble: petroleum ether Miscible:
benzene, toluene, acetone, carbon tetrachloride,
chloroform, ethanol, ethyl acetate

APPLICATIONS

Epoxy resin curing agents, solvent free paints, laminated boards, epoxy adhesives, etc

PACKING

Packed in 25 kg plastic drums or 220kg iron drums or isotank

STORAGE

Store in cool, dry places and keep away from fire and moisture.