

CAS Number: 1330-20-7

Other Names: 1,2-xylene; 1,3-xylene; 1,4-xylene; Dimethylbenzenes;  
Xylene (mixed isomers); Methyltoluene;

Formula:  $C_{10}H_{12}$

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## PRODUCT INTRODUCTION

Mixed xylenes refer to the equilibrium mixture of four isomers with the same chemical formula—para-xylene (PX), ortho-xylene (OX), meta-xylene (MX), and ethylbenzene. Mix Xylene appears as colorless, flammable liquids, which are of great industrial value.

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## PHYSICAL AND CHEMICAL PROPERTIES

Density at 20°C (g/cm <sup>3</sup> )	0.8652
Non-Aromatic (wt.%)	2.70
Color (Pt-Co)	No.1
Distillation Range (°C)	2.0
IBP (°C)	136.7
DP (°C)	138.7
Density at 15(°C) (g/cm <sup>3</sup> )	0.8686
Density at 30(°C) (g/cm <sup>3</sup> )	0.8583
Benzene Content (%wt.)	< 0.01
Ethyl Benzene (%wt)	60.97
o-Xylene (%wt.)	8.18
m-Xylene (%wt.)	19.93
p-Xylene (%wt.)	7.93
Styrene (%wt.)	< 0.01

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## APPLICATIONS

Mixed xylenes are used widely as gasoline additives; as solvents in manufacturing and laboratory processes; in glues, adhesives, printing inks, paint thinners, and sealants; and as carrier solvents for delivery of some pesticides.

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## **PACKAGING OPTIONS**

Drums

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