



# Product Specification

## Product Name: XYLENES LR

Alternate Name(s) Dimethylbenzene, xylol.

### Description

Clear liquid. Characteristic odour.

### Properties

Chemical Formula:  $C_6H_4(CH_3)_2$

Molecular Weight: 106.17

Product Code: XL003

CAS No. 1330-20-7

### General Information:

Immiscible with water. Soluble in alcohol and ether. Incompatible with strong oxidising agents. Flammable; impurities lower the flash point.

### Hazard and Safety Data

UN Group: III  
Class: 3  
UN Number: 1307  
Hazchem code: 3[Y]  
CS MSDS Code: 1CH86  
Poison schedule: S6  
Emergency  
Procedure Guide No.: 16

### Quality Specification

Assay: 98.5% min. of the three isomers, o-, m- and p-xylene.

### Specific Properties and Impurities [Typical levels]:

Sulfur compounds (as S)	≤ 0.05%
Residue after evaporation	≤ 0.01%
Distillation Range	
IBP	132 °C
Dry Point	143 °C
Flash Point (°C)	27.2 - 46.1 (TOC)
Vapour Pressure	8 mm Hg (25 °C)
Specific Gravity	0.87
Flamm. Limit LEL	1.0 Vol%
Flamm. Limit UEL	7.0 Vol%
Autoignition Temp.	~500 °C
Evaporation Rate	~0.7
Vapour Density	3.7
Odour Threshold	0.2-2ppm
Dielectric Constant	2.4 (25 °C)
Saturated Vapour Concentration	35 g/m <sup>3</sup> (20 °C)

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