

## LG Chemical M-Xylene

Category : Fluid

### Material Notes:

Aromatic liquid similar to DIESEL Structure & Characteristics: C<sub>6</sub>H<sub>4</sub>(CH<sub>3</sub>)<sub>2</sub>. Synthesized by extraction (using solvent) followed by purification of pyrolysis gasoline evolved from NCC process. Has 3 isomers; o-, m-, and p-, and isolation of different isomers require high degree of fine distillation since their boiling points are similar. Uses: Plastic, Polyester, Fiber, M-Xylene resin, Polyester, Fiber, Solvent CAS: 108-38-3, 95-47-6, 106-42-3 and 100-41-4 Information provided by LG Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_LG-Chemical-M-Xylene.php](http://www.lookpolymers.com/polymer_LG-Chemical-M-Xylene.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.8641 g/cc	0.8641 g/cc	
Vapor Pressure	0.00933 - 0.0120 bar	7.00 - 9.00 torr	Vapor Density=3.7

Thermal Properties	Metric	English	Comments
Melting Point	-47.87 Å°C	-54.17 Å°F	
Boiling Point	139.1 Å°C	282.4 Å°F	
Flash Point	27.0 - 32.0 Å°C	80.6 - 89.6 Å°F	

Optical Properties	Metric	English	Comments
Refractive Index	1.497	1.497	

Descriptive Properties	Value	Comments
Autoignition Temperature	464-529 Å°C	
Color	<20 Pt/Co	
	<6	Acid Wash
Components	Ethyl Benzene	0.635
	m-Xylene	0.19
	o-Xylene	0.08
	p-Xylene	0.085

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