

LG Chemical P-Xylene

Category : Fluid

Material Notes:

Aromatic liquid similar to DIESEL Structure & Characteristics: $C_6H_4(CH_3)_2$. 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-P-Xylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.861 g/cc	0.861 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	13.26 Â°C	55.87 Â°F	
Boiling Point	138.4 Â°C	281.1 Â°F	
Flash Point	27.0 - 32.0 Â°C	80.6 - 89.6 Â°F	

Optical Properties	Metric	English	Comments
Refractive Index	1.4957	1.4957	

Descriptive Properties	Value	Comments
Autoignition Temperature	464-529Â°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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