

## LG Chemical Raw C5

Category : Fluid

### Material Notes:

**Structure & Characteristics:** Synthesized by vacuum-distillation of pyrolysis gasoline produced from naphtha pyrolysis process. The content of isoprene as C5 without undergoing hydration process is higher than 12%. Although it is in liquid form in room temperature and pressure, it easily vaporizes in room temperature. **Uses:** Isoprene is extracted to produce isoprene rubber. CAS: 78-78-4 and 109-66-

Information provided by LG Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_LG-Chemical-Raw-C5.php](http://www.lookpolymers.com/polymer_LG-Chemical-Raw-C5.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.668 - 0.672 g/cc	0.668 - 0.672 g/cc	ASTM D287
Volatiles	100 %	100 %	
Vapor Pressure	1.16 bar @Temperature 40.0 Â°C	872 torr @Temperature 104 Â°F	Vapor Density=2.5

Thermal Properties	Metric	English	Comments
Melting Point	-130 Â°C	-202 Â°F	
Boiling Point	40.6 Â°C	105 Â°F	
Flash Point	<= -57.0 Â°C	<= -70.6 Â°F	

Descriptive Properties	Value	Comments
Components	1,3-Pentadiene	0.095
	2-methy-2-pentene	0.0065
	2-Pentene	0.058
	Benzene	0.0075
	C4 LIGHTERS	0.0065
	C6 & HEAVIERS(EXCLUDINGDCPD)	2-3%
	CARBONYLS(AS CH3CHO	500-1000 ppm, ZEON M-023A
	cyclo-Pentadiene	0.176
	cyclo-Pentene	0.0746
	iso-Pentane	0.1548

Descriptive Properties	Value isoprene	Comments 0.1343
	ISOPRENE	13-14%
	n-Hexane	0.085
	n-Pentane	0.2083
	T-S(as CS2)	2 ppm, ASTM D5453

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China