

LG Chemical C5 Product

Category : Fluid

Material Notes:

Structure & Characteristics: Obtained as a by-product from pyrolysis oil hydration plant which was produced from naphtha pyrolysis process, and C5 content is higher than 95%. Although it is in liquid phase in room temperature and pressure, it easily vaporizes in room temperature. **Uses:** Used to blend gasoline CAS: 78-78-4, 109-66-0 and 287-92-3 Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-C5-Product.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.630 g/cc	0.630 g/cc	
Volatiles	100 % @Temperature 21.0 Â°C	100 % @Temperature 69.8 Â°F	
Vapor Pressure	0.568 bar @Temperature 20.0 Â°C	426 torr @Temperature 68.0 Â°F	Vapor Density=2.5

Thermal Properties	Metric	English	Comments
Melting Point	-130 Â°C	-202 Â°F	
Boiling Point	36.0 Â°C	96.8 Â°F	
Flash Point	-49.0 Â°C	-56.2 Â°F	

Descriptive Properties	Value	Comments
Autoignition Temperature	260Â°C	
Components	1-Pentane	0.021
	2,2-Dimethy-butane	0.044
	2-Methy-1 â€" butene	0.056
	2-methy-2-butene	0.177
	BENZENE	<1%
	C4	<5%
	C5 PURITY	>95%
	C6â€™s	0.0002

Descriptive Properties	cis-2-Pentene Value	n-Pentane Comments
	cyclo-Pentane	0.041
	cyclo-Pentene	0.106
	iso-Pentane	0.142
	n-Pentane	0.223
	Other	0.0108
	trans-2-Pentene	0.141
	T-SULFUR	<300 ppm
Cu Corrosion	<1	
Gum Existent	<2 mg/100ml	
Oxidation	>480 min	
RVP	<18 PSIG	37.8Â°C

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