

## LG Chemical i-Pentane

Category : Fluid

### Material Notes:

**Structure & Characteristics:** C<sub>5</sub>H<sub>10</sub>. A ring-structured saturated hydrocarbon. Present in naphtha pyrolysis oil and is obtained by distillation followed by isolation of n-pentane extraction remnants or C5 products. **Uses:** As a polyurethane foaming agent, it is increasingly used in place of Freon foaming agent. **CAS:** 78-78-4 Information provided by LG Chemical

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Specific Gravity	0.620 - 0.650 g/cc	0.620 - 0.650 g/cc	15.6/15.6Å°C; ASTM D225
Volatiles	100 % @Temperature 21.0 Å°C	100 % @Temperature 69.8 Å°F	
Vapor Pressure	0.793 bar @Temperature 21.0 Å°C	595 torr @Temperature 69.8 Å°F	Vapor Density=2.48

Thermal Properties	Metric	English	Comments
Melting Point	-160.5 Å°C	-256.9 Å°F	
Boiling Point	28.0 Å°C	82.4 Å°F	
Flash Point	-51.0 Å°C	-59.8 Å°F	

Descriptive Properties	Value	Comments
Autoignition Temperature	420Å°C	
Color	>30	Saybolt, ASTM D156
Components	C-PENTANE	<.01%
	ISO-PENTANE	>95%
	OTHER H/C	<2%
	TOTAL SULFUR	<10 ppm
	WATER	100 ppm
Cu Corrosion	1	ASTM D130

## **Contact Songhan Plastic Technology Co.,Ltd.**

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