

LG Chemical n-Pentane

Category : Fluid , Solvent

Material Notes:

CH₃CH₂CH₃. Saturated hydrocarbon fatty acid. Dissolved in crude oil. Colorless gas with slightly characteristic odor, and is heavier than air. Uses: Used as an EPS foaming agent named 'styrofoam' by mixing with extracting solvent or i-pentane. CAS: 109-66-0 Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-n-Pentane.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.620 - 0.650 g/cc	0.620 - 0.650 g/cc	15.6/15.6Â°C; ASTM D287
Volatiles	100 %	100 %	
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	
Color	>30	Saybolt, ASTM D156
	Clear	
Components	C-PENTANE	<0.6%
	NON-VOLATILE MATTER	<1 mg/100ml, ASTM D1025
	N-PENTANE	>95%
	OTHER H/C	<1.0%
	TOTAL OLEFINE	<600 ppm
	TOTAL SULFUR	<10 ppm, ASTM D4045
	Water	100 ppm

Cu Corrosion Descriptive Properties	<1 Value	ASTM D130 Comments
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