

LG Chemical C4 Raffinate-1

Category : Fluid

Material Notes:

Odorless GAS extracted from 1.3 BD
Structure & Characteristics: Oil fraction remaining after extracting BD from mixed C4, and is composed of butene-I, butene-II, isobutene, isobutylene, etc
Uses: Used to extract isobutylene which is the starting material of MTBE and MMA which improve octane value of smokeless naphtha.
CAS: 106-97-8, 115-11-7 and 106-99-0
 Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-C4-Raffinate-1.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.580 g/cc	0.580 g/cc	
Molecular Weight	58.12 g/mol	58.12 g/mol	

Thermal Properties	Metric	English	Comments
Boiling Point	-1.00 - 8.00 Å°C	30.2 - 46.4 Å°F	
Flash Point	-60.0 Å°C	-76.0 Å°F	

Descriptive Properties	Value	Comments
Autoignition Temperature	450Å°C	
Components	1,3-BUTADIENE	0.0027
	1.3-BD	<1.0%
	1-BUTENE	0.2715
	ACETONE	<20 ppm
	ACETYLENE	<10 ppm
	cis-2-BUTENE	0.042
	I-BUTENE	>20%
	Iso-BUTANE	0.027
	iso-BUTENE	0.451
	iso-BUTENE	>45%
	METHANOL	<60 ppm
N2	<10 ppm	

Descriptive Properties	n-BUTANE Value	0.12 Comments
	PENTANE	>0.5%
	SULFUR	<10 ppm
	TBC	<5 ppm
	TRANS/CIS 2-BUTENE	>15%
	trans-2-BUTENE	0.086
	V.A	<100 ppm
Explosion limit	1.9-8.5%	

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