

LG Chemical Propylene

Category : Fluid

Material Notes:

Physical Properties: Highly reactive in polymerization and addition reaction. and Colorless, Narcotic gas

Structure and characteristics: $\text{CH}_2=\text{CH}-\text{CH}_3$. A colorless inflammable liquefied gas which has characteristic odor of hydrocarbon

Uses: Film, Plastic, Product, PP resin, Urethane resin, Surfactant, Allyl alcohol, Glycerin epoxy resin, Agricultural medicine, Antioxidant, Plastics,

Acetone, Solvent, Paint, Glycerin, Epoxy resin

CAS: 115-07-1 Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-Propylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.510 g/cc	0.510 g/cc	
Vapor Pressure	9.41 bar @Temperature 20.0 Â°C	7060 torr @Temperature 68.0 Â°F	Vapor Density=1.48

Thermal Properties	Metric	English	Comments
Boiling Point	-48.0 Â°C	-54.4 Â°F	
Flash Point	-108 Â°C	-162 Â°F	

Descriptive Properties	Value	Comments
Autoignition Temperature	455Â°C	
Components	BUTENE + BD + CYCLOPROPANE + BUTANE	<5 ppm
	C2 & LIGHTER	<100 ppm
	CO	<5 ppm
	CO2	<5 ppm
	H2O	<5 ppm
	MA & PD	<5 ppm
	METHANO	<10 ppm
	O2	<5 ppm
	PROPANE	<0.4%
	PROPYLENE	>99.9%
	SULFUR	<2 ppm, as H2S

Descriptive Properties	Value	Comments
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