

LG Chemical IP-20

Category : Fluid

Material Notes:

Structure & Characteristics: C₅H₁₀. 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 and 109-66-0 Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-IP-20.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.620 g/cc	0.620 g/cc	n-Pentane
	0.620 g/cc	0.620 g/cc	Iso-Pentane
Volatiles	100 %	100 %	n-Pentane
	100 %	100 %	Iso-Pentane
Vapor Pressure	0.568 bar @Temperature 20.0 Â°C	426 torr @Temperature 68.0 Â°F	Vapor Density=2.48, n-Pentane
	0.793 bar @Temperature 20.0 Â°C	595 torr @Temperature 68.0 Â°F	Vapor Density=2.48, Iso-Pentane

Thermal Properties	Metric	English	Comments
Melting Point	-160.5 Â°C	-256.9 Â°F	Iso-Pentane
	-130.5 Â°C	-202.9 Â°F	n-Pentane
Boiling Point	28.0 Â°C	82.4 Â°F	Iso-Pentane
	36.0 Â°C	96.8 Â°F	n-Pentane
Flash Point	<= -49.0 Â°C	<= -56.2 Â°F	

Descriptive Properties	Value	Comments
Autoignition Temperature	260Â°C	
Components	CYCLO-PENTANE	<1%
	cyclo-Pentane	<1.0%
	higher than n-Pentane	<0.2%

Descriptive Properties	Isopentane Value	18-22% Comments
	ISO-PENTANE	18-22%
	low than iso-Pentane	<0.5%
	LOWER THAN ISO-PENTANE	<0.5%
	n-Pentane	68-76%
	total olefin	<400 ppm

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