

Solvay Specialty Polymers Meforex[®] 142b Ozone-Friendly CFC Replacement

Category : Fluid

Material Notes:

Formula: CH₃CClF₂; Name: 1,1,1 Chlorodifluoroethane. Replaces CFC 11, 12, 114. Polyethylene and polystyrene foams, and heat pumps. Information provided by Solvay Solexis, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-Meforex-142b-Ozone-Friendly-CFC-Replacement.php

Physical Properties	Metric	English	Comments
Density	1.12 g/cc @Temperature 25.0 °C	0.0405 lb/in ³ @Temperature 77.0 °F	Liquid
Molecular Weight	100.5 g/mol	100.5 g/mol	
Vapor Pressure	3.38 bar @Temperature 25.0 °C	2540 torr @Temperature 77.0 °F	

Thermal Properties	Metric	English	Comments
Heat of Vaporization	214.5 J/g	92.28 BTU/lb	at Boiling Point
Melting Point	-131.1 °C	-204.0 °F	at 1.013 bar
Boiling Point	-9.20 °C	15.4 °F	at 1.013 bar

Chemical Properties	Metric	English	Comments
Critical Pressure	42.5 bar	31900 torr	
Critical Temperature	137.1 °C	278.8 °F	
Critical Density	0.430 g/cc	0.0155 lb/in ³	

Descriptive Properties	Value	Comments
Flammability Range (vol%)	9.0 to 14.8	

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