

Solvay Specialty Polymers Meforex® 124 Ozone-Friendly CFC Replacement

Category : Fluid

Material Notes:

Formula: CHClFCF₃; Name: 1 Chloro 1,2,2,2 Tetrafluoroethane. Replaces CFC 11, 114. Refrigerant blends components for middle temperatures, polystyrene and polyethylene foams. Information provided by Solvay Solexis, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-Meforex-124-Ozone-Friendly-CFC-Replacement.php

Physical Properties	Metric	English	Comments
Density	1.36 g/cc @Temperature 25.0 °C	0.0491 lb/in ³ @Temperature 77.0 °F	Liquid
Molecular Weight	136.5 g/mol	136.5 g/mol	
Vapor Pressure	3.84 bar @Temperature 25.0 °C	2880 torr @Temperature 77.0 °F	

Thermal Properties	Metric	English	Comments
Heat of Vaporization	165 J/g	71.0 BTU/lb	at Boiling Point
Melting Point	-198 °C	-324 °F	at 1.013 bar
Boiling Point	-12.0 °C	10.4 °F	at 1.013 bar

Chemical Properties	Metric	English	Comments
Critical Pressure	36.34 bar	27260 torr	
Critical Temperature	122.5 °C	252.5 °F	
Critical Density	0.560 g/cc	0.0202 lb/in ³	

Descriptive Properties	Value	Comments
Flammability Range (vol%)	None	
Ozone Depletion Potential	0.065	Based on CFC11 = 1.0
Toxicity Level	1000 ppm	Allowed limit in work places (values suggested by producers).

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