

Solvay Specialty Polymers Meforex® 143a Ozone-Friendly CFC Replacement

Category : Fluid

Material Notes:

Formula: CH₃CF₃; Name: 1,1,1 Trifluoroethane. Replaces R 502. Refrigerant blends components for low and middle temperatures. Information provided by Solvay Solexis, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-Meforex-143a-Ozone-Friendly-CFC-Replacement.php

Physical Properties	Metric	English	Comments
Density	0.950 g/cc @Temperature 25.0 °C	0.0343 lb/in ³ @Temperature 77.0 °F	Liquid
Molecular Weight	84 g/mol	84 g/mol	
Vapor Pressure	12.8 bar @Temperature 25.0 °C	9600 torr @Temperature 77.0 °F	

Thermal Properties	Metric	English	Comments
Heat of Vaporization	231 J/g	99.4 BTU/lb	at Boiling Point
Melting Point	-111.1 °C	-168.0 °F	at 1.013 bar
Boiling Point	-47.4 °C	-53.3 °F	at 1.013 bar

Chemical Properties	Metric	English	Comments
Critical Pressure	37.9 bar	28400 torr	
Critical Temperature	73.1 °C	164 °F	
Critical Density	0.440 g/cc	0.0159 lb/in ³	

Descriptive Properties	Value	Comments
Flammability Range (vol%)	7.1 to 16.1	
Ozone Depletion Potential	0	Based on CFC11 = 1.0
Toxicity Level	1000 ppm	Allowed limit in work places (values suggested by producers).

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China