

## Solvay Specialty Polymers Meforex<sup>®</sup> 32 Ozone-Friendly CFC Replacement

Category : Fluid

**Material Notes:**Formula: CH<sub>2</sub>F<sub>2</sub>; Name: Difluoromethane. Replaces R 502, R22. Refrigerant blends component. Information provided by Solvay Solexis, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Solvay-Specialty-Polymers-Meforex-32-Ozone-Friendly-CFC-Replacement.php](http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-Meforex-32-Ozone-Friendly-CFC-Replacement.php)

Physical Properties	Metric	English	Comments
Density	0.960 g/cc @Temperature 25.0 °C	0.0347 lb/in <sup>3</sup> @Temperature 77.0 °F	Liquid
Molecular Weight	52 g/mol	52 g/mol	
Vapor Pressure	16.9 bar @Temperature 25.0 °C	12700 torr @Temperature 77.0 °F	

Thermal Properties	Metric	English	Comments
Heat of Vaporization	383.3 J/g	164.9 BTU/lb	at Boiling Point
Melting Point	-136.1 °C	-213.0 °F	at 1.013 bar
Boiling Point	-51.8 °C	-61.2 °F	at 1.013 bar

Chemical Properties	Metric	English	Comments
Critical Pressure	58.1 bar	43600 torr	
Critical Temperature	78.4 °C	173 °F	
Critical Density	0.430 g/cc	0.0155 lb/in <sup>3</sup>	

Descriptive Properties	Value	Comments
Flammability Range (vol%)	12.7 to 33.5	
Ozone Depletion Potential	0.02	Based on CFC11 = 1.0
Toxicity Level	30 ppm	Allowed limit in work places (values suggested by producers).

### Contact Songhan Plastic Technology Co.,Ltd.

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