

Asahi Glass ASAHIKLIN AK-225G Hydrochlorofluorocarbon Solvent

Category : Fluid , Solvent

Material Notes:

AK-225G is an environmentally sensible HCFC. It is thermally stable, nonflammable and recoverable by distillation with no decomposition. It has substantially lower global warming potential (GWP) than PFCs and HFCs and an extremely low ozone depletion potential (ODP). AK-225 is exempt from VOC regulations by the U.S. EPA as described in the Oct. 8, 1996 Federal Register. Information provided by Asahi Glass Company, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Asahi-Glass-ASAHIKLIN-AK-225G-Hydrochlorofluorocarbon-Solvent.php

Physical Properties	Metric	English	Comments
Density	1.56 g/cc	0.0564 lb/in ³	Liquid
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Solubility of Water	0.027 %	0.027 %	25°C
Solubility in Water	0.016 %	0.016 %	25°C
Viscosity	0.60 cP	0.60 cP	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Molecular Weight	202.94 g/mol	202.94 g/mol	
Vapor Pressure	0.353 bar	265 torr	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Surface Tension	16.9 dynes/cm	16.9 dynes/cm	25°C

Thermal Properties	Metric	English	Comments
Heat of Vaporization	146 J/g	63.0 BTU/lb	b.p.
Specific Heat Capacity	1.088 J/g-°C	0.2600 BTU/lb-°F	Liquid
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Melting Point	-116 °C	-177 °F	
Boiling Point	56.1 °C	133 °F	

Descriptive Properties	Value	Comments
Global Warming Potential (CO2=1, 100yr ITH)	530	
KB Value	30	
Ozone Depletion Potential (CFC-11 = 1.0)	0.8	

Descriptive Properties	Value	Comments
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