

LyondellBasell ARCOPURE[®] High Purity MTBE, Methyl tertiary butyl ether

Category : Fluid , Solvent

Material Notes:

Information provided by Lyondell.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LyondellBasell-ARCOPURE-High-Purity-MTBE-Methyl-tertiary-butyl-ether.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.740 g/cc	0.740 g/cc	20/20 [°] C
Density	0.788 g/cc @Temperature 20.0 [°] C	0.0285 lb/in ³ @Temperature 68.0 [°] F	
Solubility in Water	4.3 %	4.3 %	20 [°] C
Viscosity	0.30 cP @Temperature 25.0 [°] C	0.30 cP @Temperature 77.0 [°] F	
Molecular Weight	88.1 g/mol	88.1 g/mol	
Vapor Pressure	0.272 bar @Temperature 20.0 [°] C	204 torr @Temperature 68.0 [°] F	
Surface Tension	19 dynes/cm	19 dynes/cm	25 [°] C

Thermal Properties	Metric	English	Comments
Boiling Point	55.0 [°] C	131 [°] F	at 760 mmHg
Flash Point	-10.0 [°] C	14.0 [°] F	Tag Closed Cup

Optical Properties	Metric	English	Comments
Refractive Index	1.3658 @Temperature 25.0 [°] C	1.3658 @Temperature 77.0 [°] F	

Descriptive Properties	Value	Comments
CAS Number	1634-04-4	
Evaporation Loss	814%	n-BuAc=100%

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