

Solvay AMGARD[®] DBBP Phosphorus Derivative

Category : Fluid

Material Notes:

Identification: DIBUTYL BUTYL PHOSPHONATE CAS: 78 46 6 Molecular formula: C₁₂H₂₇O₃P Available in: Asia Pacific, Europe, Latin America and North America Applications: Organophosphorous compound, miscible with alcohol, ether and most organic solvents. Uses include heavy metal extract with synergistic properties when mixed with other extractants, additives to anti-foam agents in plasticizers and stabilizers, in solvents, low temperature hydraulic fluids and flame-proofing agents. Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-AMGARD-DBBP-Phosphorus-Derivative.php

Physical Properties	Metric	English	Comments
Density	0.948 g/cc	0.0342 lb/in ³	15.5 [°] C/4 [°] C
Viscosity	1.2 cP	1.2 cP	
	@Temperature 100 [°] C	@Temperature 212 [°] F	
	3.0 cP	3.0 cP	
	@Temperature 40.0 [°] C	@Temperature 104 [°] F	
Molecular Weight	254.4 g/mol	254.4 g/mol	
Vapor Pressure	0.000133 bar	0.100 torr	

Thermal Properties	Metric	English	Comments
Boiling Point	>= 127 [°] C	>= 261 [°] F	
	@Pressure 0.000334 MPa	@Pressure 0.0485 psi	

Chemical Properties	Metric	English	Comments
Total Acid Number	<= 5.0	<= 5.0	[mg KOH/g]; OPTI057

Processing Properties	Metric	English	Comments
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Appearance	Clear Colorless Liquid	
Assay	>94%	RPC91001

Color Descriptive Properties	<300 Value	Hazen, ASTM 030 Comments
Composition	Dibutyl Hydrogen Phosphate (area)	<2.0%, RPC91001
	Tributyl Phosphate (area)	<2.0%, RPC91001
	Tributyl Phosphite (area)	<0.2%, RPC91001
Turbidity	<10	NTU, OSTM064

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