

Solvay DURAPHOSÂ® DBHP Dibutyl hydrogen phosphite

Category : Fluid

Material Notes:

Chemical Name: Dibutyl Hydrogen Phosphite CAS: 1809-19-4 Available in: Asia Pacific, Europe, Latin America and North America
 Chemical Formula: C₈H₁₉PO₃
 Applications: DURAPHOS DBHP (Dibutyl Hydrogen Phosphite) can be used as an intermediate in the formation of extreme pressure (EP), antiwear (AW) and friction modifier (FM) additives in lubricating oils and greases.
 Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-DURAPHOS-DBHP-Dibutyl-hydrogen-phosphite.php

Physical Properties	Metric	English	Comments
Density	0.970 - 0.990 g/cc	0.0350 - 0.0358 lb/inÂ³	RPC11002
Viscosity	2.0 - 3.0 cP	2.0 - 3.0 cP	
Molecular Weight	194.2 g/mol	194.2 g/mol	
Vapor Pressure	0.00933 bar @Temperature 118 Â°C	7.00 torr @Temperature 244 Â°F	

Thermal Properties	Metric	English	Comments
Boiling Point	118 - 119 Â°C @Pressure 0.000912 MPa	244 - 246 Â°F @Pressure 0.132 psi	

Optical Properties	Metric	English	Comments
Refractive Index	1.422 - 1.424	1.422 - 1.424	RPC11003

Chemical Properties	Metric	English	Comments
Total Acid Number	<= 3.5	<= 3.5	[mg KOH/g]; RPC11017

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Appearance	Clear Liquid	
Color	<50	APHA, RPC11004
Composition	DBHP By A/B Titration	>94.5%, RPC91108

Descriptive Properties	Value	Comments
	VIEW BY GC	15.5-16%, RPC91101
	Phosphorus	15.5-16%, RPC91111
Turbidity	<10 NTU	RPC11005

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