

Solvay RHODAFAC[®] LO-11/ALA Surfactant

Category : Fluid , Other Engineering Material , Additive/Filler for Polymer

Material Notes:

Description: Phosphate ester designed for use in diesel and crude oils, where it will react with specific organometallic complexors to form very high viscosity crosslinked oil gels. Chemical Name: ALKYL PHOSPHATE ESTER CAS: 68412-60-2 Available in: Asia Pacific, Europe, Latin America and North America Applications: RHODACAL[®] LO-11/ALA is a phosphate ester designed for use in diesel and crude oils, where it will react with specific organometallic complexors to form very high viscosity crosslinked oil and gas wells which may be sensitive to contact with aqueous fluids or where extremely low surface temperatures make use of aqueous fluids impractical. Slow rise in $\Delta\epsilon_{pH}$ from formation water or added ingredient breaks gel. Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-RHODAFAC-LO-11ALA-Surfactant.php

Physical Properties	Metric	English	Comments
pH	2.0	2.0	IPA/Water sol

Thermal Properties	Metric	English	Comments
Pour Point	$\leq -20.0\text{ }^{\circ}\text{C}$	$\leq -4.00\text{ }^{\circ}\text{F}$	RP-0461

Optical Properties	Metric	English	Comments
Gardner Color Number	≤ 2.0	≤ 2.0	RP-0138

Chemical Properties	Metric	English	Comments
Total Acid Number	188 - 198	188 - 198	pH 5-5.5; RP-0432
	200 - 215	200 - 215	pH 9-9.5; RP-0432

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Appearance	Clean, Clear to Slightly Hazy Liquid	RP-0064
Composition	Activity	<95%

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