

BREOX 50A 480

INTRODUCTION

BREOX 50A 480 is water soluble monol initiated, ethylene oxide/propylene oxide co-polymers manufactured to provide a viscosity of 477 cSt @ 40°C.

These product finds extensive application when manufacturing and formulating various water soluble lubricants, for example:

- Gear, Bearing and Calender lubricants
- Compressor lubricants
- Metal working formulations

TYPICAL PHYSICAL PROPERTIES

		50A 480
Viscosity	cSt @ 40°C	477
Viscosity	cSt @ 100°C	83
Viscosity Index	ASTM D 2270	262
Pour point, °C	ASTM D 97	-40
Refractive Index	N²⁰D	1.46
Specific Gravity	20 / 20°C	1.06
Flash Point, °C	COC	241
Vapour Pressure	mm Hg 20°C	<0.001
Water Content	% by wt	<0.25
Specific Heat	kJ / kg K	1.95
Ash	ASTM D 482	<0.01
Surface Tension, 20°C	Dynes / cm	35 – 40

Remarks

Handling & Safety:

Storage:

Revision-No.

1.4-08.2004 Effective August 17, 2004

The product can be stored for at least 2 years at ambient storage conditions and temperature without any deterioration.

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