TEXIPOL® 63-202

Anionic inverse emulsion thickener

INTRODUCTION

TEXIPOL 63-202 is an inverse emulsion thickener which imparts a short flow to a wide variety of aqueous and non-aqueous compositions and is effective over a wide pH range. **TEXIPOL 63-202** is supplied as an easy to use, low viscosity liquid which gives an almost instantaneous thickening effect on direct mixing into a composition. The polymer in **TEXIPOL 63-202** is already in solution (as the sodium salt) and therefore does not require any other additives to promote thickening e.g. alkali, surfactant etc.

TEXIPOL 63-202 is APEO free.

CHARACTERISTICS (Not to be taken as a specification)

Appearance		Creamy liquid
Relative density at 25ºC / 77°F		~1.05
Inverse emulsion viscosity*	cps	1,000 - 4,000
Thickened deionized water**	cps	35,000 – 200,000
Flow of thickened compositions		Short
Polymer charge		Anionic
Polymer compatibility		Anionic / non-ionic
Flash point	ºC / °F	≥100 / 212
Optimal pH usage range		5.5 – 11.0

* Brookfield RVT, Spindle #3, 20 rpm at 25ºC / 77°F.

** Deionized water thickened with 4% of **TEXIPOL 63-202** as supplied. Brookfield RVT, Spindle #6, 5 rpm at 25ºC / 77°F.

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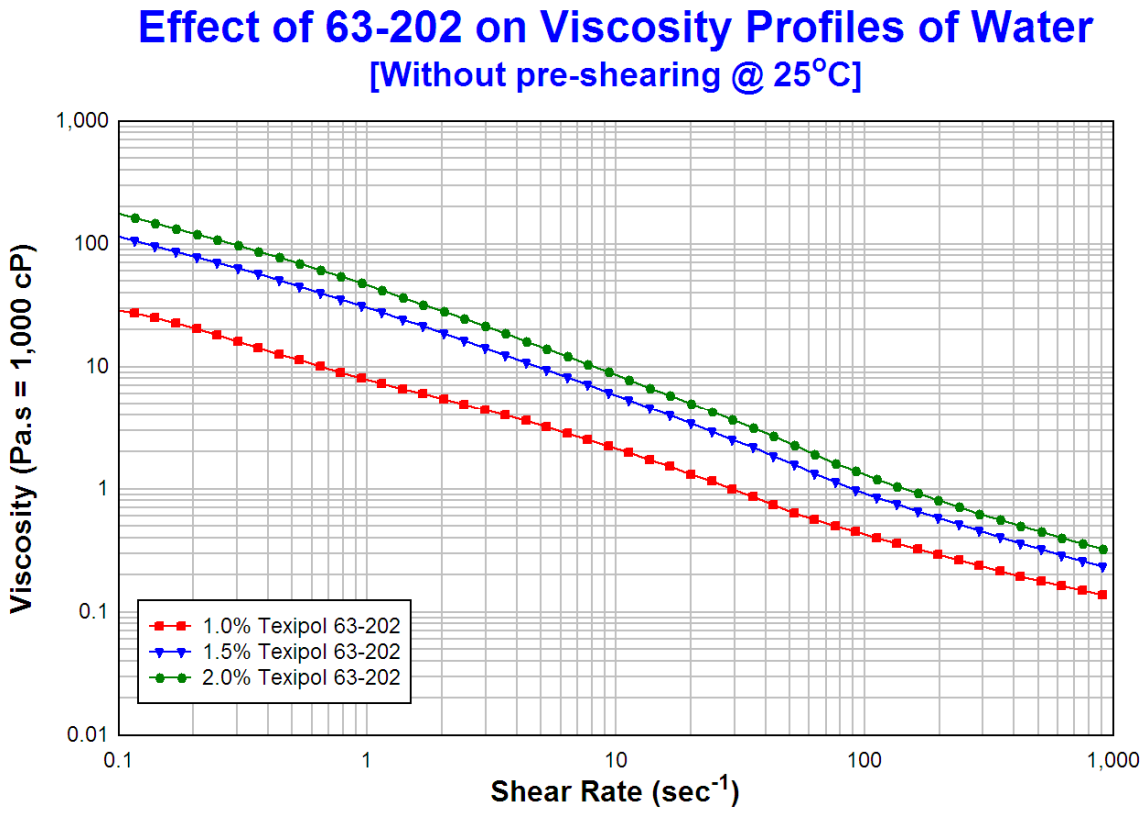
APPLICATIONS

TEXIPOL 63-202 can be used for thickening a wide variety of aqueous binder systems including PVA, EVA, SBR, PVdC, acrylic and styrene acrylic systems. It is also used in a number of aqueous based adhesive, sealant and coating formulations. **TEXIPOL 63-202** can thicken certain non-aqueous systems such as simple alcohols and glycols.

A good starting point is to add up to 4% of **TEXIPOL 63-202** (depending on the viscosity required) directly to the composition to be thickened and then homogenize the mix thoroughly. If the resultant mix is too thin add more of **TEXIPOL 63-202** and, if it is too viscous, add more unthickened composition and homogenize.

It is not uncommon for Texipol® inverse emulsions to separate over time. This does not in any way indicate that the material is unfit for use. We recommend that Texipol® be stirred prior to use using a low-shear mixing system (e.g. with a paddle or handheld mixer) to ensure that the material is uniform when added to a formulation. Further, for formulations with a low percentage of water and/or where a low level of Texipol® is required, we recommend that water be added to the Texipol® prior to addition to the formulation (roughly 4 - 7% of Texipol® in water). This will prevent the possibility of localized pockets of thickened water in the formulation.



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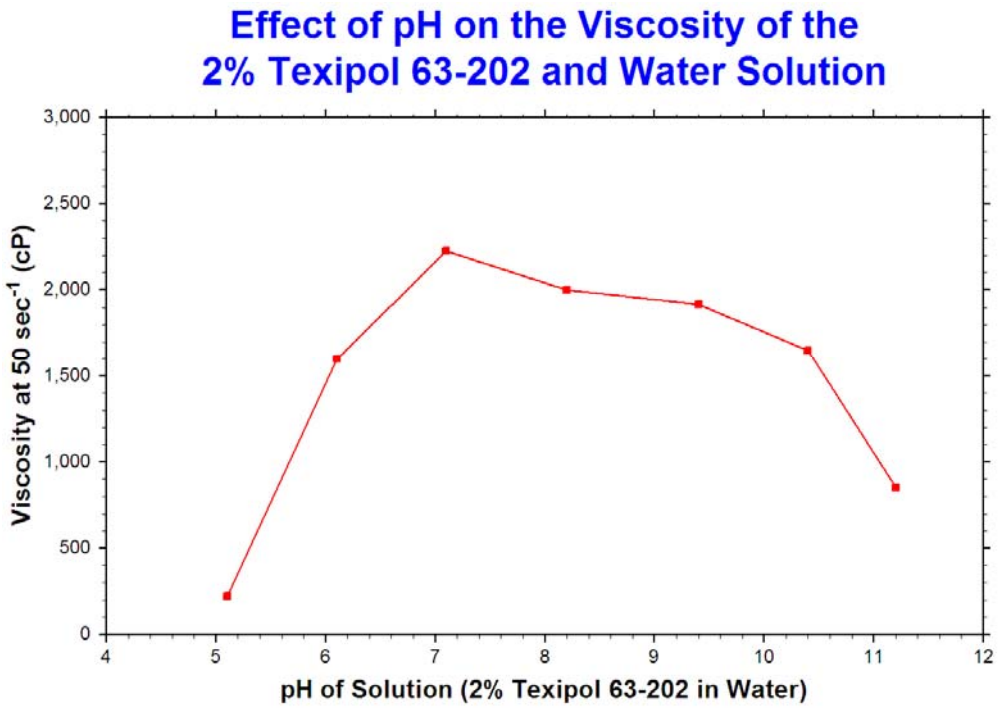

PACKAGING

TEXIPOL 63-202 is available in a 441 lb. net weight steel drum and is imported from the United Kingdom.

STORAGE

TEXIPOL 63-202 should be stored at temperatures between 5-40ºC / 40-105°F. If the product freezes, thaw completely by placing the container in a warm water bath and homogenize completely before use. **TEXIPOL 63-202,** can be stored in glass, stainless steel, plastic or epoxy-lined vessels. **TEXIPOL 63-202** should not be stored in mild steel, copper or aluminum containers.

HEALTH & SAFETY

Please see separate Material Safety Data Sheet.

3/09

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