



Texipol[®]

Rheology Modifiers

General Industrial

Texipol[®] rheology modifiers offer versatile thickening performance over a broad range of water-based formulations.



Texipol[®]
63-202



Texipol[®]
63-510



Texipol[®]
63-513



**Functional
Polymers**

Texipol®
63-202



Faster production
time, lower costs

Texipol® 63-202 is a rheology modifier that imparts pseudoplastic rheology to aqueous-based compositions.

- Supplied as a pre-neutralised dispersion as the sodium salt of an acrylic polymer
- Provides almost immediate thickening without needing neutralisation or extra additives, helping to speed up production times and lower costs
- With 4% in water, it creates a thickened viscosity of >35,000 mPa s
- Ideal for thickening systems of pH>7, although it can be used from pH 5
- It can be used in a wide variety of aqueous binder systems including PVA, SBR, acrylic and styrene acrylic copolymers, and various adhesive, sealant and coating formulations



Texipol®
63-510



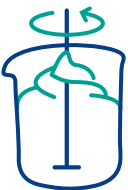
Broad pH
compatibility

Texipol® 63-510 imparts a highly pseudoplastic rheology to aqueous-based compositions.

- Supplied as a pre-neutralised dispersion as the sodium salt of an acrylic copolymer
- Designed to thicken over a wide pH range of 2-12, with exceptional performance at low pH
- Can thicken both acidic and alkaline compositions
- Gives stable thickening in various organic acids such as citric and glycolic acid
- Exceptional thickening performance
- Compatible with polar solvent blends



Texipol®
63-513



Instant thickening in
aqueous formulations
+ bio content

A next generation inverse emulsion synthetic thickener, Texipol® 63-513 is based on a significant proportion of bio-derived content. It imparts pseudoplastic rheology to aqueous-based compositions.

- Supplied as a pre-neutralised dispersion as the sodium salt of an acrylic based polymer
- Gives almost instantaneous thickening when mixed directly into aqueous formulations
- Already neutralised so there is no need to adjust the pH to activate thickening
- Typical thickener dosages are 0.5-2.0%, though this is system dependent and higher paste viscosities may require higher addition levels
- Increased electrolyte resistance
- Good emulsification properties

Key product features

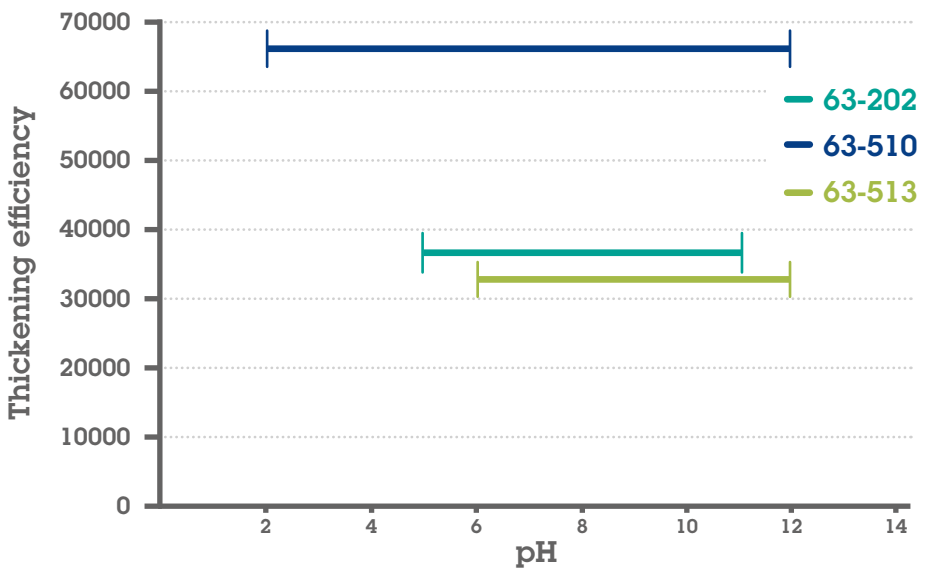
Product	Thickening efficiency	pH stability	Electrolyte resistance	Key feature
Texipol® 63-202	Good	5 – 11	OK	Faster production time
Texipol® 63-510	Excellent	2 – 12	Good	Broad pH thickener
Texipol® 63-513	Good	6 - 12	V. Good	Bio content

Physical properties

	Texipol® 63-202	Texipol® 63-510	Texipol® 63-513
Appearance	Creamy liquid	Creamy liquid	Creamy liquid
Specific gravity at 25°C	1.05	1.05	1.13
Inverse emulsion viscosity	1500 mPa s	3000 mPa s	2750 mPa s
Thickened deionized water	>35,000 mPa s	>100,000 mPa s	>35,000 mPa s
Polymer charge	Anionic	Anionic	Anionic

Optimum pH
performance range

Our market leading technologies ensure that Texipol® products deliver excellent thickening performance in aqueous-based compositions.



Packaging and storage

All three Texipol® products are available in drums and IBCs and should be stored between 5 and 30°C in the original, unopened container in a dry, well ventilated place, protected from freezing and direct sunlight.

The Texipol® range at a glance

Scott Bader's Texipol® range of rheology modifiers offer excellent performance when used in a variety of aqueous-based compositions:

Key features

- Rapid thickening
- Pre-neutralised low viscosity liquid for process efficiencies
- No additives required, just add directly to formulation

Best for...

Texipol® 63-201	More newtonian rheology	Imparts a stringy and more newtonian rheology with long flow characteristics, ideal for highly filled carpet backing compounds and improving the wet tack of adhesives.
Texipol® 63-202	Faster production time, lower costs	Creates the right level of pseudoplastic behaviour to suit a variety of aqueous-based compositions that use binder systems including PVA, SBR, acrylic and styrene acrylic copolymers.
Texipol® 63-237	Textile production	Ensures excellent colour yield and brightness as well as superb fastness properties and print definition.
Texipol® 63-253	Textured coatings	This pseudoplastic rheology modifier adds texture to coatings, can also be used in adhesives and ready mixed building and PVA adhesives.
Texipol® 63-258	Adhesives and coatings production	Provides almost instantaneous thickening making it suitable for many aqueous-based adhesives and coatings, more specifically for compositions likely to be used in external applications.
Texipol® 63-259	Compliant with California Prop 65	An inverse emulsion rheology modifier designed for use with aqueous based solutions to create a highly pseudoplastic consistency. California Prop 65 free.
Texipol® 63-510	Broad pH compatibility	Demonstrates thickening over a wide pH range of 2-12, and can be used with acids including citric, glycolic, phosphoric and aqueous blends of polar solvents.
Texipol® 63-513	Bio content	Based on a significant proportion of bio content, this rheology modifier offers high performance with a creamy consistency and good electrolyte resistance.

Contact your local representative for more information and to place an order.

Distributor details:



scottbader.com