SCOTT BADER
Making a **positive** difference

Texipol®

Rheology Modifiers

Homecare and cleaning

Texipol® rheology modifiers offer versatile thickening performance over a broad range of water-based formulations for homecare and cleaning.

Texipol® 63-400

Texipol® 63-425

Texipol® 63-450

Texipol® product information

Texipol® 63-400

Faster production time, lower costs

Texipol® 63-400 is a rheology modifier that imparts pseudoplastic properties 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, and acrylic and styrene acrylic copolymers, and various adhesive, sealant and coating formulations

Texipol® 63-425

Instant thickening in aqueous formulations + bio content

A next generation inverse emulsion synthetic thickener, Texipol® 63-425 is based on a significant proportion of bio-derived content. It imparts pseudoplastic rheology to aqueous compositions.

BIO CONTENT

- 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
- 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

Texipol® 63-450

Broad pH compatibility

Texipol® 63-450 imparts a highly pseudoplastic rheology to aqueous based compositions.

PREMIUM PRODUCT

- 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

Key product features

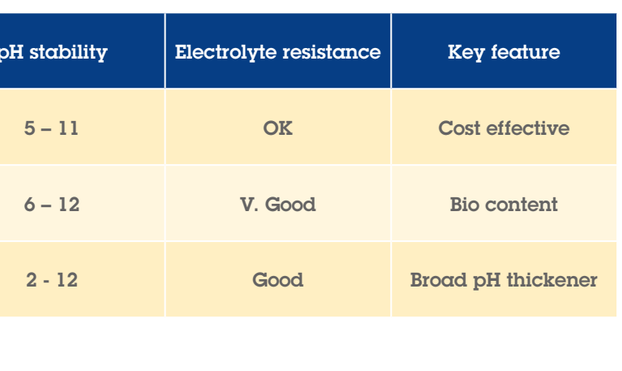
Product	Thickening efficiency	pH stability	Electrolyte resistance	Key feature
Texipol® 63-400	Good	5 – 11	OK	Cost effective
Texipol® 63-425	Good	6 – 12	V. Good	Bio content
Texipol® 63-450	Excellent	2 - 12	Good	Broad pH thickener

Physical properties

	Texipol® 63-400	Texipol® 63-425	Texipol® 63-450
Appearance	Creamy liquid	Creamy liquid	Creamy liquid
Specific gravity at 25˚C	1.05	1.13	1.05
Inverse emulsion viscosity	1500 mPa.s	2750 mPa.s	3000 mPa.s
Thickened deionized water	>35,000 mPa.s	>35,000 mPa.s	>100,000 mPa.s
Polymer charge	Anionic	Anionic	Anionic

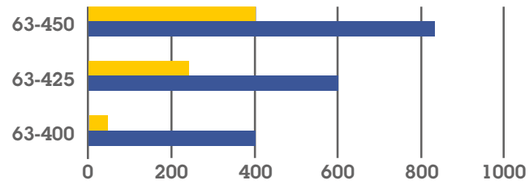
Optimum pH performance range

Our market leading technologies ensure that Texipol® products deliver an excellent thickening range in water.



Salt tolerance

Viscosity (mPa.s) 3% salt
Viscosity (mPa.s) 3%



Packaging and storage

All 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. Protect from freezing and direct sunlight.

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

Distributor details:

Texipol®

Rheology Modifiers

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SCOTT BADER

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