

PIGMENT DISPERSANT

Rheosperse S44	Very efficient polyacrylate pigment dispersant designed especially for inorganic pigments and minerals used in paints and coatings, adhesives, caulks, fillers and sealants. The optimum dispersion of pigments and extenders improves opacity of paints, storage stability and thickener performance.
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THICKENERS AND RHEOLOGY MODIFIERS

It is relevant to note at the outset, that the performance of thickener/rheology modifiers depends upon several factors eg the type of formulation to be modified, the solids content, the formulation components and the chemistry of the thickener.

Rheosol TVN	Is a synthetic alkali swellable emulsion thickener (ASE). It has shear thinning rheology and is effective in increasing low- shear viscosity which means it will provide good suspending properties, anti- sag and storage stability.
Rheosol TVNX	Is an hydrophobically modified alkali swellable emulsion (HASE) which produces high low-shear viscosity together with thixotropic performance. The associative nature of the polymer generates rheological characteristics which suit applications where flow and levelling properties of the formulated product are less critical.
Rheosol AS40	Is a synthetic ASE which also has shear thinning characteristics at low levels of addition and produces fast viscosity recovery when the shear forces are removed.
Rheosol EM15	This thickener is alkali soluble and is intended for latex based products such as textile, paper and paperboard adhesives. It is not recommended for traditional paints and coatings.
Rheosol RD, AVH, AVC	This range of products are polyacrylate thickeners supplied at high concentration in mineral oils. The liquid dispersion technology used to generate the range eliminates the need for pH adjustment to activate the thickening effect which means that they are very easy to use. They are all anionic and can be used in similar systems to the ASEs and HASEs for cost effective thickening performance.

WHEN COMPARED IN AQUEOUS SOLUTION AT THE SAME CONCENTRATION:

Rheosol RD - is the lowest efficiency product.

Rheosol AVH - is mid- range

Rheosol AVC - produces the highest viscosity.

Selection will depend on other factors as indicated above.

