



Toptex Ultra

the polymer that makes your asphalt last longer

Toptex Ultra is a high solid SBR latex polymer specially formulated as a modifier for cationic bitumen emulsions. While polymer-modified bitumens can be emulsified, Toptex Ultra is a water-based dispersion of polymer which is suited to the modification of emulsions. It can be incorporated either in the water or bitumen phase or even post-added to the emulsion. It is important that Toptex Ultra type (cationic in this case) should be compatible with the emulsion. When blended with a cationic bitumen emulsion, a smooth, homogeneous mixture is formed affording improved performance in use.

Toptex Ultra modifies the asphalt emulsion residue to give improved viscosity/ temperature characteristics such as flow and elasticity. This results in higher tensile strength with better ductility at lower temperatures and higher viscosity at elevated temperatures. Adhesion of the binder to the aggregate is also improved thus reducing aggregate loss in chip seal applications.

STORAGE

Toptex Ultra should be stored under shelter at temperature between 5°C and 30°C. Frost and exposure to direct sunlight during storage should be avoided.

Phase separation (“creaming”) will take place on storage due to the specific gravity and particle size distribution. It is therefore important to remix the material upon receipt. 20 minutes mechanical stirring immediately prior to use will ensure homogeneity of the product.

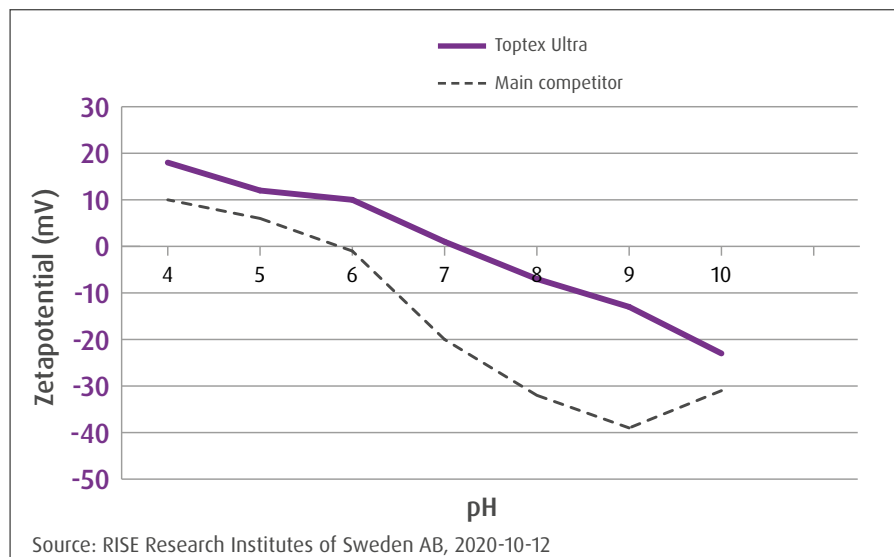
// A cost-effective way to prolong pavement life.

TYPICAL PROPERTIES

Appearance	White
Total Solid Content	63,0–65,0 %
Styrene Content	23,0–25,0 %
pH	4,5–5,5 %
Brookfield Viscosity (cps)	500–2900 (RVT Spindle 3/20 rpm)
Density	0,93–0,97 g/cm ³

// Very good experiences in surface dressing construction and tack coating.

EXCELLENT ZETA-POTENTIAL CURVE



Toptex Ultra formulation shows positive zeta potentials below pH 7. It is highly compatible with cationic bitumen emulsion below this pH.

Algol Chemicals, headquartered in Espoo in Finland, offers a wide range of specialty chemicals and raw materials for industrial production and processes. As a part of Algol Group founded in 1894, the company has a strong position in the distribution of industrial chemicals in Finland, Scandinavia and the Baltics. Algol Chemicals is also growing fast in many European countries including Ukraine and Belarus as well as in India. The Group's net sales is about 170 million euros.

Toptex Ultra is mixed at Algol's own site in Kvarntorp, Sweden. Efficient and reliable deliveries can be arranged from Algol Chemicals' warehouses. Repacking possible, if needed.

CONTACT US!

www.algochemicals.com