



THE CHEMICAL DIVISION OF COLAS

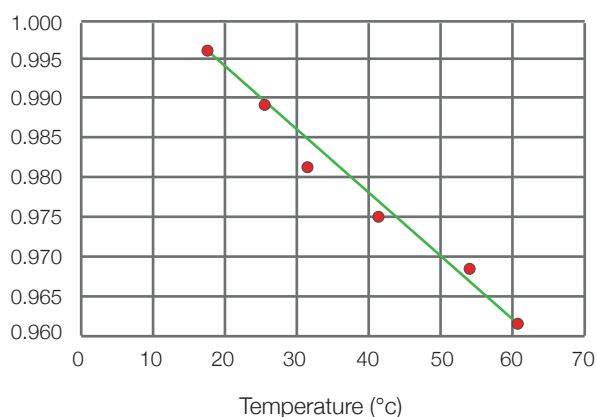
GAP



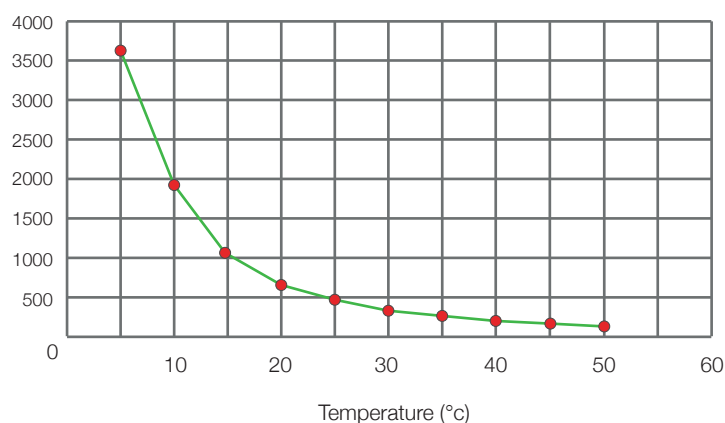
GAP is a special blend of fatty nitrogen compounds in an inert solvent. GAP is used in the manufacture of mixing grade bitumen emulsions for cold mixes, grave emulsion and microsurfacing.

CHARACTERISTICS	METHODS	SPECIFICATIONS	TYPICAL VALUES
Physical state at 20°C	Visual test	Liquid	-
Alkalinity index (mg HCl/g)	MOPCST PC-006	> 220	245
Density at 20°C (g/cm ³)	CHEM 004	0,99 ± 0,05	-
Flash point, closed cup (°C)	EN 22719	>100	-
Viscosity at 25°C (mPa.s)	MOPCST PC-029	-	450
Cloud point	CHEM 003	-	Solid <0°C

DENSITY GAP (g/cm³)



VISCOSITY GAP (mPa.s)



FORMULATION EXAMPLES (refer to CST Technical Note N°120)

Application	Micro surfacing	Grave emulsion
Bitumen type and dosage	60 % naphthenic	60% paraffinic
GAP dosage	10-24 Kg/T	5-12 Kg/T
Aqueous phase pH	2.0-2.5	2.0-2.5

STORAGE AND HANDLING CONDITIONS (refer to Chemoran guide)

GAP must be protected from exposure to water and to long-term exposure to atmospheric moisture which create a viscous layer and a chemical reaction can also occur which may lead to a reduction in the performance of the product.

GAP must be protected from frost. Continued cold weather storage can lead to a major increase in the viscosity of the product and also some precipitation may take place. If this occurs GAP should be heated and agitated thoroughly to insure a homogeneous mixture before use or transfer.

GAP must be use above 15°C.

PACKING

Drum of 200Kg / IBC of 1000Kg