



THE CHEMICAL DIVISION OF COLAS

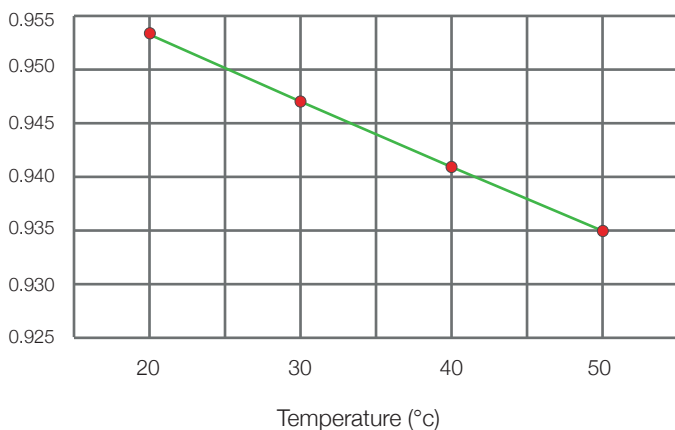
CDM



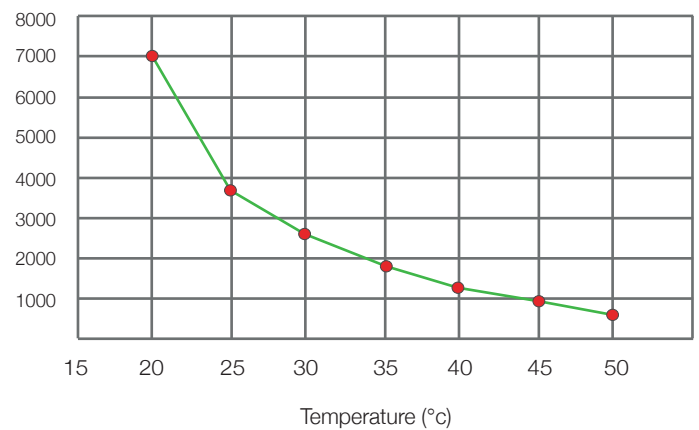
CDM is a bitumen additive. It improves the cohesion build-up of cold micro asphalt made with paraffinic bitumen. CDM can also be used for rapid setting emulsions to increase their viscosity and speed-up the cohesion build-up of the emulsion for surface dressing application.

CHARACTERISTICS	METHODS	SPECIFICATIONS	TYPICAL VALUES
Physical state at 20°C	Visual test	Viscous Liquid	-
Acid index (mgKOH/g)	MOPCST PC-006	170-200	189
Density at 25°C (g/cm ³)	CHEM 004	0.95 ± 0.05	-
Flash point, closed cup (°C)	EN 22719	>250	-
Viscosity at 25°C (mPa.s)	MOPCST PC-029	-	3,750
Cloud point (°C)	CHEM 003	-	<0°C

DENSITY CDM (g/cm³)



VISCOSITY CDM (mPa.s)



FORMULATION EXAMPLE

Application	Micro surfacing	Surface dressing
Bitumen type and dosage	60% Paraffinic	69% Paraffinic
CDM dosage	7 - 14Kg/T bitumen	2 - 5Kg/T bitumen

STORAGE AND HANDLING CONDITIONS (refer to Chemoran guide)

CDM must be protected from exposure to water and to long-term exposure to atmospheric moisture. Water may also flash/splash when added to the hot bitumen. Atmospheric moisture contamination takes place slowly on the additive surface exposed to moist air. When in use, protect from rain and seal tightly when not in use.

Do not leave small amounts in containers for long periods before using it. Inspect the storage container and all seals for damage or leaks.

CDM must be protected from frost. Continued cold weather storage can lead to major increase in the viscosity of the CDM. This can lead to difficulties in pumping the additive.

PACKING

Drum of 200 kg/ IBC of 1000Kg