



THE CHEMICAL DIVISION OF COLAS

CTA



CTA is a fatty polyamine solid cationic emulsifier designed for slow setting bitumen emulsions, used in grave emulsions, cold micro asphalt and cold mix applications.

CHARACTERISTICS	METHODS	SPECIFICATIONS	TYPICAL VALUES
Physical state at 20°C	Visual test	Solid Pasty	-
Total Amine Value (mgKOH/g)	MOPCST PC-006	> 440	340
Density at 50°C	CHEM 004	0,85 ± 0,05	-
Flash point	EN 22719	>100	-
Viscosity at 60°C (mPa.s)	MOPCST PC-029	-	7
Melting point (°C)		-	35 - 45

FORMULATION EXAMPLE

Application	Micro surfacing	Grave Emulsion
Bitumen type and dosage	60% naphthenic	60% paraffinic
CTA dosage	4 - 15Kg/T	5-9Kg/T
Aqueous phase pH	2.0 - 2.5	2.0 - 2.5

PACKING

165 kg drum / Bulk