

**BORICA****RHEOLOGY MODIFIER**

Technical Data Sheet

Tytan CX200**Chemical Description**

Product Description	Complex alkanolamine titanate
CAS Number	68784-48-5
EC Number	272-250-0

Specifications

Colour	Pale yellow
Ti Content, %	7.0 ~ 7.2
(as TiO ₂ Content, %)	(11.7 ~ 12.0)
Specific Gravity, d ₄ ²⁵	1.22 +/- 0.01
Viscosity, mPa.s at 25 °C	280 ~ 360

Physical Properties

Form	Liquid
pH value (10% solution)	8.3
Flash Point, °C	> 71
Initial Boiling Point, °C	225
Pour Point, °C	<- 30

Applications

Tytan CX200 is a chelated Titanium Alkanolamine Complex developed as a rheology modifier for emulsion paints. **Tytan CX200** reacts with colloid stabilized binders to impart a thixotropic structure to the paint through shear sensitive hydrogen bonding. **Tytan CX200** has no to little effect on the rheology of emulsion paints based on surfactant stabilized binders. **Tytan CX200** has improved compatibility with a broad range of paint formulations but it is still recommended that use of **Tytan CX200** shall always be based on sample testing to evaluate potential interaction with other components or additives of the paint formulation.