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PLEXTOL B 500

Description :

Aqueous emulsion of a thermoplastic, pure acrylic resin.

Storage :

Keeps for 1 year if tightly closed, protected from frost and strong heat.

Produce properties :

Solids content (DIN 53 189)	50 ± 1 %
Actual viscosity at 20 °C (Brookfield viscosimeter II/6)	1100 – 4500 mPa.s
Ionic character	non ionic
Ph value (DIN 53 785)	9.5 ± 0.5
Density	1.08 g/cm ³
Average particular diameter	~ 0,1 µm
Minimum film-forming temperature (MFT) (DIN 53 787)	~ 7 °C

General information :

Film Properties (after air-drying, unpigmented)

Tensile test (DIN 53 455)

(cross – head speed : 100mm/min)

Tensile strength	~ 7,5N/mm ²
Elongation at break	~ 600%

Torsion pendulum test (DIN 53445) (frequency : 1 Hz)

Temperature at the damping maximum	~ + 29 °C
Shear modulus	~ 130Nmm ²

Application :

Binders for the manufacture of weather – resistant, non – saponifiable and non – yellowing coatings.

Plextol B 500 is suitable for the manufacture of abrasion – resistant interior paints, aqueous primers for absorbent Substrates, synthetic resin – bound plasters, additives for hydraulic compounds and for the formulation of emulsion paints resistant to mineral oils.

Plextol B 500 is particularly proven as a binder for high – quality coatings of aerated concrete.