

77200 Latex Milk

Natural rubber, solved in ammonia and pre-polymerized.

This latex milk dries highly elastic. It is suitable as binder for all ammonia-stable pigments, not for verdigris and malachite.

In general, latex is non-irritating to the skin, however latex allergies may arise in some cases. The latex milk film is not lightfast, it becomes sticky when exposed to sunlight.

The latex film tends to adhere only on latex surfaces or if absorbing materials such as linen or cotton can be soaked with the latex.

Powdering latex surfaces with talcum prevents films from sticking together. This procedure must be repeated from time to time.

Specification

Properties	Specification	Method
Total solids content	61.0 – 61.6 %	ISO 124
Dry rubber content	60.0 – 60.3 %	ISO 126
Non-rubber solids	1.2 – 1.7 %	
Alkalinity (as NH ₃) on latex concentrate	0.22 – 0.29	ISO 125
Mechanical stability	650 – 1200 seconds	ISO 35
Coagulum content	max. 0.03 %	ISO 706
Copper content of total solids	max. 8 mg/kg	ISO 8053
Manganese content of total solids	max. 8 mg/kg	ISO 7780
Sludge content	max. 0.10 %	ISO 2005
Volatile fatty acid content	0.02 – 0.1	ISO 506
KOH number	0.40 – 0.90	ISO 127
pH Value (23°C)	9.7 – 10.4	

Storage

Protect from freezing, store at 7 – 30°C. Store in a dry place, protected from UV light and oxygen in a well-sealed container.