



CHEMICAL DESCRIPTION

Apcotex TY100 is a copolymer of styrene butadiene latex used for dipping of fabric for tyre cord, V-belts and conveyor belts. Its application also includes textile finishing and adhesive.

It is manufactured by emulsion polymerization method with state-of-the-art manufacturing facilities to produce consistent product.

ADVANTAGES

- Excellent Mechanical stability and chemical stability.
- Compatible with vinyl pyridine latex.
- Aids in processing.
- Excellent gloss development and good wet pick resistance.
- Good tackiness properties.
- Provide excellent film strength.

PRODUCT SPECIFICATIONS

Appearance	Off white liquid
Emulsifying System	Synthetic anionic
Total Solids (%)	41.0 ± 1.0
pH at 25°C	11.0 ± 1.0
Brookfield Viscosity LVF (CPS) SP.1, 60 RPM at 25°C	40.0 ± 20.0
Surface Tension (Dynes/cm) at 25°C	59 ± 5.0
Coagulum (%)	0.05 Max
Mechanical stability (g/100cc)	0.3 Max
ML ₁₊₄ @ 100°C (ASTM D1417)	90 Max

SAFETY AND HANDLING

- General safety precautions such as goggles, gloves and face shields should be used while handling. (Refer MSDS for detail information)

STORAGE RECOMMENDATION

- Store between temperatures of + 5°C and 40°C.
- Keep containers closed when not in use.
- Shelf-life: Six months from the date of manufacturing provided stored under shade, away from direct heat and sunlight, and well protected from freezing.

For further information, call + 91 22277 70800

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