



Technical Data Sheet

Apcotex[®] TY100

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.

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 (gm/100cc)	0.3 Max.
ML ₁₊₄ @ 100°C (ASTM D1417)	90 Max

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

SAFETY AND HANDLING


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

STORAGE RECOMMENDATION

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

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