



CHEMICAL DESCRIPTION

Apcotex VP100, generically known as Vinyl Pyridine Latex is a ter-polymer of styrene, butadiene and 2-VP monomer with 15:75:10 ratio respectively. It is manufactured by emulsion polymerization method with state-of-the-art manufacturing facilities to produce consistent product.

Apcotex VP 100 is used for dipping of Nylon, Rayon, Polyester fabrics & other Textile reinforcement materials. This dipped fabric is used to manufacture tyre, conveyor belts etc. It provides excellent adhesion between dipped Fabrics and Rubber Compound.

APPLICATIONS

- Tyre:** Dipped Fabrics used for Carcass, Chafer etc.
- Beltings:** Dipped Fabrics used for conveyor belt, V-belt, Fan belt, etc.
- Mechanical Goods:** Dipped Fabrics used for hoses and other textile reinforced rubber based products.

APPLICATIONS

- Excellent Mechanical stability and chemical stability for trouble free dipping process.
- Low foaming characteristics for high speed dipping process.
- Provides excellent adhesion between fabric and rubber compound.

PRODUCT SPECIFICATIONS

Appearance	Purple pourable 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	52 ± 3.0
Coagulum (%)	0.05 Max
Mechanical stability (g/100cc)	0.06 Max.
ML ₁₊₄ @ 100°C (ASTM D1417)	30 - 45

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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Disclaimer : These suggestions and data are based on the information that we believe to be reliable. They are given for the information only and in good faith, but conditions and methods of use of our product are beyond our control. Apcotex recommends that the user determine the suitability of our material and suggestions before using them for a commercial scale.