



apcotex industries limited

AN ISO 9001: 2008 COMPANY

APCOTEX VP 150

Apcotex VP 150, generically known as Vinyl Pyridine Latex is a terpolymer of styrene, butadiene and 2-VP monomer with 15:70:15 ratio respectively. It is manufactured by emulsion polymerization method with state-of-the-art manufacturing facilities to produce consistent product.

Apcotex VP 150 is used for dipping of Nylon, Rayon and Polyester fabric. 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, Chaffer, Belt, 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.

PRODUCT SPECIFICATION

PROPERTIES	SPECIFICATION
Appearance	Purple Pourable Liquid
Emulsifying System	Anionic
Total Solids (%)	41.0 \pm 1.0
pH at 25°C	11.0 \pm 1.0
Brookfield Viscosity LVF (CPS) SP.1,12 RPM at 25°C	40.0 \pm 10.0
Specific Gravity at 25 ° C	0.985 \pm 0.005
Surface Tension (Dynes/cm) at 25°C	52.0 \pm 3.0
Film Characteristics	Clear and slight tacky
Mechanical Stability (%) (for 10minutes)	0.06 (Max)
ML _{L+4} @100°C (ASTM D1417)	30-45

Advantages with Apcotex VP 150:

- 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

Storage Recommendation:

Store between temperatures of +5°C and 40°C. Keep containers closed when not in use. Protect from freezing and direct exposure to sunlight.

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