



Technical Data Sheet

Apcotex[®] VP150

CHEMICAL DESCRIPTION

Apcotex VP150, generically known as Vinyl Pyridine Latex is a ter-polymer 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, 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

ADVANTAGES

- 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

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|--|------------------------|
| 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 ± 20 |
| 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 |

STORAGE RECOMMENDATIONS

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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apcotex industries limited

Email  : info@apcotex.com

Web  : www.apcotex.com

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