

PRODUCT DATA SHEET

NEWFLEX™ NP-45

NEWFLEX™ NP-45 is a copolymer of 75% vinyl chloride and 25% vinyl isobutyl ether in which the vinyl isobutyl ether contributes to the binding characteristic. It offers excellent hydrolysis stability and acid/alkali/salt resistance. NEWFLEX™ NP-45 has wide compatibility with other resin coupled with good solubility in aromatic or hydrocarbon solvent, pigment wetting ability and heat stability, which is important during sterilization process.

Properties

Item	Specification
Appearance	Fine White Powder
Chlorine Content	44 ± 1 %
K value Fikentscher, DIN 53726	35 ± 2%
Viscosity in 20% toluene, 23°C	45 ± 5 mPa.s

Applications

- Used in the production of air-drying or other physically drying paints for application on iron and steel, non ferrous metal, mineral and plastic substrates.
- Used as main binder in gravure ink formulation for printing on oriented PP film as it exhibits good adhesion and helps the compatibility of EVA and CPP.

Packaging

- Packed in 25kg bag.

Storage & Handling

- Store in cool, dry place and keep away from heat.
- Avoid breathing dust.
- Ensure equipment is grounded to prevent electrostatic build up and potential dust explosion.
- Keep bag closed when not in used.

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