

Isolan PTC-E

Material Definition

Chemical identity: Aqueous aliphatic polyurethane, polyester based

Appearance: Opaque creamy white liquid

Solid content: 38.0 - 42.0 %

Brookfield Viscosity (25°C): 150 mPa.s

pH value: Approx. 7.7

Density: 1.05g/cm³

Application

Isolan PTC-E is formulated as an NMP/NEP-free polyester-PUD binder, designed for impregnation and pile binding of fabrics and non-wovens. Isolan PTC-E can also be employed as a (pre)-skin for both transfer-coating and direct-coating processes.

- Strong adhesion to natural and synthetic fabrics, along with PUR, PVC, and pretreated TPO foils.
- An excellent foundation as a binder for crafting finishes or impregnation agents for synthetic fabrics and foils.
- Provides a dry touch and acts as an effective barrier against plasticizer migration.

Its application can be achieved via methods such as rotogravure, wire bar, dipping, rotary-screen, knife, or reverse roller-coater. Depending on the chosen application technique, adjustments to flow, wetting, defoaming, and rheology may be necessary.

Storage

The optimum storage and handling temperature range is 5 °C to 30 °C. The product must be protected from heat and frost in order to maintain viability. Containers must not be re-stocked after they have been opened. Properly stored, Isolan PTC-E is stable for at least 12 months after the shipment has left our warehouse.

Packaging

Isolan PTC-E is available in IBCs (1000kg each) and drums (210kg each). MoQ are 2 pallets with 8 drums each or 1 IBC.

Regulatory Information

EU REACH registered: Not applicable

Availability

- Americas (United States, Canada, South America)
- APAC (Asia-Pacific)
- ANZ (Australia, New Zealand)
- EU (European Union)
- PRC (People's Republic of China)
- UK (United Kingdom)

Disclaimer / Conditions



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Stated storage and shelf life times are minimum guaranteed values for a period starting on the day of shipment. After this period has expired, the product requires additional quality control testing but may very well still be within specification. For more information, refer to our [Shelf Life Policy \(/info/shelflife\)](#).

For updates on product information, please check this web page regularly:
<https://kautschuk.com/products/textile/isolan-ptc-e>
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