

# Isolan BIO PMT

## Technical Data Sheet

### Isolan BIO PMT

#### Material Definition

**Chemical basis:** Fully-reacted polyether-based

aliphatic polyurethane

**Ionicity:** Anionic

**pH value:** 7,0 - 9,0

**Solid Content:** 34.0 – 36.0%

#### Applications

Isolan BIO PMT is an aqueous dispersion of a fully-reacted polyether-based aliphatic polyurethane, comprised of 62% BIO polyols derived from renewable sources. It is free from NMP and NEP. This medium-hardness resin possesses a distinct thermoplastic nature. It showcases commendable resistance to hydrolysis and excellent light fastness, making it ideal for top and middle coats. It is apt for use in leather, textiles, synthetic leather, and coatings.

**Typical film characteristics:** 100% modulus stands at 5-6 Mpa, tensile strength is measured at 30 Mpa, and elongation is approximately 5x.

#### Handling, Storage and Packaging

12 months from delivery in closed containers.

The product is stable for at least one year when stored in sealed original packing at temperatures between 5°C and 30°C without exposure to sunlight. Sensitive to frost. Stir up before using.

## 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:

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