

Isolan PSG

Technical Data Sheet

Isolan PSG

Material Definition

Chemical basis: Aliphatic polyurethane

Ionicity: Nonionic

Form supplied: White Liquid

Viscosity (23 °C): Approx. 75 mPa·s

pH value: Approx. 7.9

Solid Content: 30.0%

Volatile solvents: 1.5%

Applications

Isolan PSG is an aqueous dispersion of a fully-reacted aliphatic polyurethane known for its significant elongation. It is especially apt for plastification of finishing compositions that necessitate such a characteristic.

Typical film properties include: 100% modulus at 0.7 mpa, tensile strength measured at 3.0 mpa, and elongation approximating 12x.

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:

<https://kautschuk.com/products/textile/isolan-psg>
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