

**Definition / Tanımlama**

PURINAQUA PUD 201 is an anionic polyether based polyurethane dispersion. Since it is an aliphatic resin, it does not turn yellow with UV light.

**Application Area / Uygulama Yeri**

PURINAQUA PUD 201 is a polyether based polyurethane dispersion and is used for coating and adhesive purposes by adjusting the viscosity value that requires application in many areas such as textile, construction and packaging with its strong hydrolysis resistance and high elasticity.

**Advantages / Avantajlar**

- Does not turn yellow in UV light with its aliphatic structure
- Ease of application with low viscosity
- Ability to be adjusted to the desired viscosity
- Environmentally friendly with its water-based structure
- High performance contribution
- Can be mixed with water-based systems such as acrylic etc.
- Clean and odorless working environment
- Long application time
- Short drying time
- Long shelf life and stock life
- Cleaning of application equipment and areas with water
- Non-hazardous, non-flammable

**Technical Properties / Teknik Özellikler**

| No | Test / Analiz       | Result / Sonuç | Unit / Birim             | Test Code  |
|----|---------------------|----------------|--------------------------|------------|
| 1  | Appearance          | Blue-White     | -                        |            |
| 2  | Density             | 1,00 - 1,05    | g/cm <sup>3</sup> (23°C) | ISO 2811   |
| 3  | Viscosity           | 50-300         | cP (23°C)                | ASTM 2196  |
| 4  | Solid content       | 34-36          | %                        | ISO 3251   |
| 5  | Elongation at break | 700-900        | %                        | ASTM D 412 |

**Packing / Paketleme**

PURINAQUA PUD 201 is packed and shipped in 25kg plastic drums, 60 kg plastic barrels, and 1.000kg IBC tanks.

**Storage / Depolama**

Its shelf life is 12 months from the date of production, when it is stored in its unopened original package, in a dry environment, protected from direct sunlight and frost.

**Safety and Health / Güvenlik ve Sağlık**

The product should not come into contact with the skin and eyes. In case of contact, wash with plenty of water. In case of irritation seek medical advice immediately.

**Note**

The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

Bu teknik formdaki veriler kendi deneyimlerimiz ve bilgilerimiz referans alınarak hazırlanmıştır. Ancak bağlayıcılığı yoktur. Yapıya, uygulama amacına ve özellikle yerel koşullara göre ayarlanmalıdır. Verilerimiz, uygulama sırasında uyulması gereken mühendislik kurallarını referans almıştır. Satış teslim, hizmet şartlarımız ve koşullarımız kapsamında bu verilerin doğruluğundan sorumlu olmaktayız. Çalışanlarımızın bilgilendirme formlarımızdaki yer alan verilerden farklı önerileri ancak yazılı olarak verilmesi halinde bağlayıcıdır. Kabul edilen mühendislik kurallarına her zaman uyulmalıdır.

**PURIN<sup>®</sup>Aqua****PURIN<sup>®</sup>ATE****PURIN<sup>®</sup>COAT PURIN<sup>®</sup>ADHE PURIN<sup>®</sup>SEAL PURIN<sup>®</sup>ELAS**