

Definition / Tanımlama

PURINAQUA PUD 101 is a polycarbonate polyol based anionic polyurethane dispersion. Since it is an aliphatic based resin, it does not turn yellow with UV light.

Application Area / Uygulama Yeri

PURINAQUA PUD 101 is a polycarbonate polyol based polyurethane dispersion and is used for coating. With its excellent hydrolysis resistance, strong acid-base resistance and excellent mechanical resistance, it is used for coating and adhesive purposes by adjusting the viscosity value that requires application in many areas such as textile, wood, metal, construction and packaging.

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	Beyaz - Mavi	-	
2	Viscosity	50-300	cP (23°C)	ASTM 2196
3	Density	1,00 - 1,05	g/cm ³ (23°C)	ISO 2811
4	Solid content	30-32	%	ISO 3251
5	Elongation at break	300-400	%	ASTM D 412
6	Tensile strength	97,50	N	ASTM D 412
7	Maximum tension	19,50	N/mm ²	ASTM D 412
8	Hardness	40	Shore D	ASTM D 2240

Packing / Paketleme

PURINAQUA PUD 101 is packed and shipped in 30kg-60kg plastic drums 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[®]Aqua****PURIN[®]ATE****PURIN[®]COAT PURIN[®]ADHE PURIN[®]SEAL PURIN[®]ELAS**