

Definition / Tanımlama

PURINATE RM 502 is an elastic prepolymer containing %75 solids / %25 xylene, based on IPDI with low %NCO value. Due to its low reactivity, its reaction with humidity in the environment is at an optimum level.

Application Area / Uygulama Yeri

It is used in one-component waterproofing membranes due to its low reactivity and elastic structure. It is recommended to add solvents such as xylene to your formulations for optimum viscosity. Thus, the addition of inorganic filling and/or colorant systems will also be facilitated.

Advantages / Avantajlar

- High elasticity
- High hydrolysis resistance
- Excellent tensile strength
- Excellent adhesion strength

Technical Properties / Teknik Özellikler

| No | Test / Analiz | Result / Sonuç | Unit / Birim | Test Code |
|----|---------------------|----------------|--------------------------|-------------|
| 1 | Appearance | Transparent | - | |
| 2 | Density | 1,00 - 1,05 | g/cm ³ (23°C) | ISO 2811 |
| 3 | Viscosity | 50-200 | cP (23°C) | ASTM 2196 |
| 4 | Solid content | 75 | % | ISO 3251 |
| 5 | Isocyanate content | 4,00 - 5,00 | % | ASTM 2572 |
| 6 | Elongation at break | > 300 | % | ASTM D 412 |
| 7 | Hardness | 80 | Shore A | ASTM D 2240 |

Packing / Paketleme

PURINATE RM 502 is shipped in 210 kg net sealed drums or 1.000 kg IBC tanks.

Storage / Depolama

PURINATE RM 502 is stored in its packaging at a temperature of 5-30 oC without opening the cap, its shelf life is 6 months. Since the product reacts with moisture in the air, it is recommended that the half packages you do not use, should be closed very well and if possible, nitrogen gas should be used in the closing process.

Safety and Health / Güvenlik ve Sağlık

PURINATE RM 502 is a prepolymer material. For this reason, gloves and glasses should definitely be used while working. Masks must be used because it has solvent in it. Especially avoid contact with your eyes as the product reacts in contact with water.

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****PURINATE[®]****PURINCOAT[®] PURINADHE[®] PURINSEAL[®] PURINELAS[®]**