Definition / Tanımlama

PURINELAS DT 101 is a solvent-free, cold curing, MDI-based, two-component liquid polyurethane elastomer system.

Application Area / Uygulama Yeri

- In molding processes
- Abrasive making

Technical Properties / Teknik Özellikler

No	Test	Result / Sonuç (A)	Result / Sonuç (B)	Result / Sonuç (A+B)	Unit / Birim	Test Code
1	Appearance	White	Yellow	Cream	-	
2	Viscosity	2.200 - 2.500	400 - 500	1.500 - 2.000	cP (23ºC)	ASTM 2196
3	Density	1,05 - 1,10	1,15 - 1,20	1,08 - 1,13	g/cm3 (23ºC)	ISO 2811
4	Solid content	100	100	100	%	ISO 3251

Preparation / Hazırlık

The application surface must be dry and clean. Absorbent surfaces should be sealed. Mold release agent should be applied to the areas where the mold and polyurethane come into contact so that it can be easily removed from the mold. Wait for the applied mold release agent to dry.

If it is desired to increase the hardness of the product, the mixture ratio can be recalculated and our PURINELAS DT 101-C product can be added to your formula.

Application / Uygulama

Avoid contact of the two-component product with water. Before starting the process, PURINELAS DT 101-A should be mixed internally at low speed. A and B components should be mixed in a clean container according to the mixing ratio given in the technical specification table until a homogeneous mixture is obtained. After mixing, the product should be allowed to rest for 1 minute and then applied. In order to remove the air bubbles formed during the mixture from the product, the prepared product should be rested for 1 minute and then applied.

Cleaning / Temizlik

After application, the equipment used should be cleaned with a suitable solvent.

Packing / Paketleme

PURINELAS DT 101 is available as standard in net (1000 + 420) kg sets in IBC tanks and drums.

Storage / Depolama

PURINELAS DT 101-B has a service life of 12 months if stored unopened in its own packaging between 5-30oC. Since the product reacts with moisture in the air, it is recommended to use the opened packages completely. It is recommended to close the half packages that you cannot use very well and, if possible, use nitrogen gas in the closing process.

Safety and Health / Güvenlik ve Sağlık

PURINELAS DT 101-B is a material containing isocyanate. For this reason, gloves and goggles must be worn while working. Since it is solvent-free, there is no need to use a mask. If the product comes into contact with your skin, wash with plenty of water and soap. Avoid contact with eyes as the product reacts in contact with water. Dispose of the packaging after use in accordance with the regulations.

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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.

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