

Definition / Tanımlama

PURINELAS CT 1075A is a two component, solvent free, blue colored, cold curing, polyurethane elastomer system.

Application Area / Uygulama Yeri

PURINELAS CT 1075A is used as a molding and filling material in the design and production of gypsum and similar inorganic products.

Advantages / Avantajlar

- High thermal resistance
- Fast drying time thanks to two components
- Can be remoulded after 8 hours

Technical Properties / Teknik Özellikler

No	Test	Result / Sonuç (A)	Result / Sonuç (B)	Result / Sonuç (A+B)	Unit / Birim	Test Code
1	Appearance	Transparent	Blue	Blue	-	
2	Viscosity	6300±500	300	6300±500	cP (23°C)	ASTM 2196
3	Density	1,10	1,03	1,07±0,02	g/cm3 (23°C)	ISO 2811
4	Solid content	100	100	100	%	ISO 3251
5	Hardness	-	-	75-80	Shore A	ASTM D 2240
6	Mixing rate (w/v)	100	10	-		
7	Elongation at break	-	-	340	%	ASTM D 412
8	Maximum tension	-	-	> 3,00	N/mm2	ASTM D 412
9	Pot Life (23oC)	-	-	8	minute	ISO 9514
10	Application temperature	-	-	(+10) - (+30)	°C	
11	Curing	-	-	8	hour	ASTM D 7487
12	Final curing	-	-	7 - 10	days	

Preparation / Hazırlık

The application surface must be dry and clean. Absorbent surfaces must 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. The applied release agent should be allowed to dry.

Application / Uygulama

The product, which is designed as a two-component product, should be avoided in contact with water. Before starting the process, PURINELAS CT 1101 should be mixed in itself at low speed. A and B components should be mixed until a homogeneous mixture is obtained in a clean container according to the mixing ratio given in the technical specification table. After the mixture is finished, the product should be rested for 1 minute and applied. In order for the air bubbles formed during the mixing to get away from the product, the prepared product should be rested for 1 minute and then the application should be made. After mixing both components according to the given mixing ratio, the application must be made within 8 minutes. Otherwise, the product will cure in the container and application cannot be made.

Cleaning / Temizlik

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

Packing / Paketleme

PURINELAS CT 1075A is supplied as standard in net (10+1) kg and (20+2) kg sets with clamped metal buckets. Different packaging preferences can be designed according to the mixing ratio.

Storage / Depolama

If PURINELAS CT1075A is stored unopened in its own package, at temperatures between 5-30oC, its useful life is 12 months. Since the product reacts with the humidity 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, to use nitrogen gas in the closing process.

Safety and Health / Güvenlik ve Sağlık

PURINELAS CT 1075A contains isocyanates. Since the product reacts in contact with water, avoid contact with your eyes. Therefore, gloves and goggles should definitely be used while working. Since it is solvent-free, it is not necessary to use any mask especially. If the product comes into contact with your skin, wash with plenty of water and soap. Dispose of the packages after use in accordance with the regulations.

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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