

Definition / Tanımlama

PURINELAS CT 1045D is a solvent-free, cold-curing, two-component liquid, TDI based polyurethane elastomer system. Its color is blue.

Application Area / Uygulama Yeri

PURINELAS CT 1045D is used as a moulding material, metal forming pads, core box liners, etc.

Advantages / Avantajlar

- High thermal resistance
- High performance
- Fast drying time
- Can be demoulded after 2 hours

Technical Properties / Teknik Özellikler

No	Test	Result / Sonuç (A)	Result / Sonuç (B)	Result / Sonuç (A+B)	Unit / Birim	Test Code
1	Appearance	Yellow	Blue	Blue	-	
2	Viscosity	3500	300	3500±500	cP (23°C)	ASTM 2196
3	Density	1,02	1,03	1,02±0,02	g/cm ³ (23°C)	ISO 2811
4	Solid content	100	100	100	%	ISO 3251
5	Hardness	-	-	45	Shore D	ASTM D 2240
6	Pot Life (23oC)	-	-	2	minute	ISO 9514
7	Curing	-	-	8	hour	ASTM D 7487
8	Application temperature	-	-	(+10) - (+30)	°C	
9	Final curing	-	-	7 - 10	days	

Preparation / Hazırlık

The application surface must be dry and clean. Absorbent surfaces must be sealed. The release agent must be applied to the areas where the mould and polyurethane come into contact so that demoulding can be done easily. The release agent must be allowed to dry.

Application / Uygulama

Contact with moisture and water must strictly be avoided. Before processing, PURINELAS CT 1045D must be mixed thoroughly. Then, A and B components should be mixed according to the mixing ratio given in the technical properties table, until a homogeneous mixture is obtained. In order for the air bubbles formed during the mixing to get away from the product, mixture should be rested for 1 minute before the application. Once mixed the processing of the material must be completed within 8 minutes in 23oC. Otherwise the product will cure in the container and application cannot be made.

Cleaning / Temizlik

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

Packing / Paketleme

PURINELAS CT 1045D is supplied as standard in net 24 kg in metal buckets.

Storage / Depolama

PURINELAS CT 1045D is stored in its packaging at a temperature of 5-30 oC without opening the cap, its shelf life is 12 months. Since the product reacts with moisture in the air, it is recommended to use the opened packages completely. 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

PURINELAS CT 1045D 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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