

SilSo Print 21006 (KÖRAFORM PP 12) 2-part casting compound

Description	Property	Test Method	Value
Pourable, addition-curing, 2-part silicone rubber that cures at room temperature. This product is mainly used for making antistatic silicone printing pads. The cured rubber exhibits excellent physical and electrical properties. Fast and non-shrink cure at room temperature which can be accelerated considerably by the application of heat.	Uncured Product		
Key Features	Appearance		Pink
<ul style="list-style-type: none"> • Crosslinks at temperatures as of 20 °C/68°F • Easy mixing of the components • Simple processing • Antistatic 	Color A		Translucent
Application	Cure Type		Addition
Antistatic silicone Elastomer for pad printing applications.	De-mould Time / Full Cure at 23°C/73°F		8 - 12 hrs
Use and Cure Information	Mix Ratio By Weight		1:1
Mixing	Pot Life mins at 23°C/73°F		60 - 90 mins
Components A and B are mixed at a mass ratio of 1 : 1. The two components are thoroughly mixed either by hand or with an electric or pneumatic stirrer at low speed to avoid air from being dragged in and/or to avoid a temperature increase. Crosslinking is slowed down by reducing the temperature and accelerated by increasing it. The non-tacky time is about 8 – 12 hours.	Viscosity A	Brookfield	5500 cP
Inhibition of cure	Viscosity B	Brookfield	3500 cP
Great care must be taken when handling and mixing all addition cured silicone elastomer systems, ensuring that all the mixing tools (vessels and spatulas) are clean and constructed in materials which do not interfere with the curing mechanism. The cure of the rubber can be inhibited by the presence of compounds of nitrogen, sulphur, phosphorus and arsenic; organotin catalysts and PVC stabilizers; epoxy resin catalysts and even contact with materials containing certain of these substances e.g. moulding clays, sulphur vulcanised rubbers, condensation cure silicone rubbers, onion and garlic.	Cured Product		
These substances may impair or even completely prevent the curing behavior of addition crosslinking silicones typically indicated by tacky surfaces. Therefore, it is absolutely important to check the compatibility in preliminary tests if unknown substrates are used.	Color		Hot Pink
Health & Safety	Hardness Shore A	DIN 53 505	12
Please observe our safety data sheets and the safety remarks on our container labels when handling our products. The dangerous goods regulations and the accident prevention regulations of the professional associations must be particularly observed. Keep the EC safety data sheet of the applied product at hand since it provides you with useful instructions for the safe use and disposal of the product as well as for actions to be taken in case of accidents.	Linear Shrinkage (%)		< 0.1 %
Delivery Units	Storage		
Component A: 5 kg or 25 kg	Max Storage Temperature		30 °C / 86 °F
Component B: 5 kg or 25 kg	Shelf Life		12 mths
Other container sizes upon demand.			
Storage			
Components A and B can be optimally processed for approx. 12 months if stored properly at temperatures below 30 °C and protected from frost in closed original containers.			

Revision Date 20 Mar 2024
Revision No 3
Download Date 18 May 2024