

WEICON 树脂型修补剂 MS 1000



液态，无填充
低粘度
纯环氧树脂

WEICON 树脂型修补剂 MS 1000 应用广泛，如电子部件的灌封。它能够与各种填充物（粉末状、纤维或织物）进行混合，用于制作填充材料。

该产品适用于电子行业、机械制造及其他诸多行业领域。



技术参数

成分	纯环氧树脂无填充
特性	液态
固化后的颜色	透明，略带自身颜色
树脂与固化剂的重量混合比例	100:20
200g混合物的密度	1,1 g/cm ³
混合物粘度	1.300 mPa·s
涂层厚度为1.0 mm时的消耗量	1,10 kg/m ²
每道工序的最大涂层厚度	10 mm
温度为+20°C、混合物重量为200g时的可操作时间	20 分钟
达到机械负载所需时间	24 h
达到最终固化所需时间	36 h
依据 DIN 53281-83/ASTM D 1002，在+25°C 温度下，平均强度为：	
压力	60 Mpa

提示

本资料中列出的所有产品，其参数和建议是在实验室的测试结果及经验总结，不得被视为对产品特性的保证。由于每一个用的实际应用情况并不在我们的认知、控制及责任范围内，我们对这些信息并不承担任何义务。我们保证我们的产品符合并遵守我们销售条款中承诺的高品质、无瑕疵的要求。我们建议用户通过自行试验来论证其希望选用的产品是否完全符合预期。因用户未遵照指定的操作方法使用产品而造成损失的情况，用户将独自承担全部责任。

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折弯	285 Mpa
弹性模量	17.000 - 18.000 Mpa
邵氏硬度D(ATSM D 1706)	80
收缩率	0,2 %
热变形温度	+50 °C
耐温性	-35 至 +120 °C
ISSA 编码	75.509.36
IMPA 编码	81 29 85

表面预处理及产品操作信息详见使用说明。

储藏

WEICON 塑料胶需在室温、干燥的环境下存放。未拆封的包装从发货日期起计算，在+18至+28°C室温环境中能至少存放 24个月。拆封后的包装需在6个月内使用。

安全与健康

使用WEICON产品时，需注意产品的物理性、安全性、毒性、生态性的详细参数以及我们EG材料安全数据表（www.weicon.com）的具体信息。

包装

10520010 WEICON 树脂型修补剂 MS 1000 1,0 kg

产品配件

10850005 玻璃纤维布胶带, 50 mm
10953001 处理抹刀, 短
10953003 处理抹刀, 长
10953010 不锈钢搅拌棒,

WEICON Casting Resin MS 1000



**liquid
unfilled
low viscosity pure epoxy resin**

WEICON MS 1000 Casting Resin is suitable for the most diverse applications, such as for casting electrical components, and can be blended by various fillers (in form of powder, fibres and fabric), e.g. for the production of highly filled backfilling compounds.

WEICON MS 1000 Casting Resin can be used in the electrical industry, in machine construction and in many other applications.



Technical Data

Composition	Epoxy resin unfilled
Specific Properties	liquid
Colour after curing	transparent, slight inherent colour
Mixing ratio by weight resin/hardener	100:20
Density of the mixture (200g preparation)	1,1 g/cm ³
Viscosity of the mixture	1.300 mPa·s
Consumption at a coating thickness of 1,0 mm	1,10 kg/m ²
Maximum layer thickness for each working step	10 mm
Pot life at +20°C (+68°F) 200g preparation	20 min.
Curing time mechanical loads	24 h
Final strength after	36 h
Mean strength at +25°C (+77°F) acc. to DIN 53281-83 ASTM D 1002:	

Note

The specifications and recommendations given in this technical data sheet must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do guarantee the continuously high quality of our products. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

Pressure	60 Mpa
Bending	285 Mpa
E-Modul	17.000 - 18.000 Mpa
Shore D (ATSM D 1706)	80
Shrinkage	0,2 %
Thermoforming resistance	+50 °C
Temperature resistance	-35 to +120 °C
ISSA-Code	75.509.36
IMPA-Code	81 29 85

Information about surface pre-treatment and processing can be found in the manual.

Storage

Store WEICON Plastic Metal at room temperature (but up to max. +25°C) in a dry place. Unopened containers can be stored for 18 months at temperatures from +18 to +25°C (Epoxy Resin Putty max. 3 years). Opened containers should be used within 6 months.

Safety and health

When using WEICON products, the physical, safety technical, toxicological and ecological data and regulations in our EC safety data sheets (www.weicon.com) must be observed.

Available sizes:

10520010 WEICON Casting Resin MS 1000 1.0 kg

Accessories:

10519250 Colour Paste Black, 250 g
 10604025 Mould Release Agent Liquid F 1000, 250 ml
 10604515 Mould Release Agent Wax P 500, 150 g
 10850005 Glass Fibre Cloth Tape, 50 mm
 10953001 Processing Spatula, short
 10953003 Processing Spatula, long
 10953010 Stirrer Stainless Steel,
 11202400 Sealant and Adhesive Remover, 400 ml
 11207400 Surface Cleaner, 400 ml
 11450400 Mould Release Agent, 400 ml
 11850200 Hand Protective Foam, 200 ml

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