

::: PUR MC 6 A+B

Description:

Is a 2-component polyurethane casting system, not filled, with low odour development and fast curing, which can be used to cast shapes. The viscosity of the two components is kept particularly low in order to be able to fill it with the fillers. Can also be poured well in thin layers. Available in 1 kg and 20 kg packs.

Application:

Universally applicable for all types of moulds and models. MC 6, is easy to use, has a very good hardening even in thin layers and has a very good temperature resistance. Can be poured in several layers. Due to its slightly better flexibility, it is ideal for thin moulds.

Data on delivery:	<u>A-Comp.</u>	<u>B-Comp.</u>
Color:	Beige	yellowish
Viscosity:	50 mPas	75 mPas
Mass density:	0.95 gr/cm ³	1.10 gr/cm ³
Shelf life:	6 months in closed packaging	6 months in closed packaging
Consistency:	liquid	liquid

Technical data:

Consumption:	depending on the application
Shore:	+ - D75
Viscosity:	60 mPa's
Shore (din 53505):	+ - D75
Tensile strength (din 53455):	27 MPa
Elongation at break (din 53455):	5 %
Bending strength (din 53452):	32 Mpa
Bend to break (din 53452):	/
Bending modulus (din 53457):	660 Mpa
Impact strength (din51230):	16 KJ/m ²
Compressive strength (din53454):	/

Processing:

Always ensure that the surface is as dry as possible. Divide any fillers between the two components and mix thoroughly. Mix the individual components well before use. Mixing ratio: 100/100 parts by weight. De-formable after 15 minutes.
Pot life: 2 to 3 min. Curing time: 90 min. at 4-5 mm.

Safety:

Always provide appropriate protective clothing and gloves. Avoid prolonged skin contact. The use of a carbon filter mask type A2 is recommended.
Cleaning agent for tools: cleaner M (environmentally friendly substitute for acetone).