

::: PUR MC 5 A+B

Description:

Is a 2-component polyurethane casting system, non-filled with low odour development and fast curing, which can be mixed with different fillers. The viscosity of the two components is kept particularly low in order to be able to fill it with the fillers.
Available in 2 kg containers.

Application:

Universally applicable for all types of moulds and models. Multicast is easy to use, has a very good curing, also in thin layers. Very fast curing; high temperature resistance.

Data on delivery:	<u>A-comp.</u>	<u>B-comp.(Iso 3)</u>
Color:	cream	brown-black
Viscosity:	160 mPas	75 mPas
Mass density:	0.9 g/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 application
Viscosity:	110 mPa's
Shore (din 53505):	+ - D78
Tensile strength (din 53455):	37 MPa
Elongation at break (din 53455):	6 %
Bending strength (din 53452):	42 Mpa
Bend to break (din 53452):	7,5 %
Bending modulus (din 53457):	800 Mpa
Impact strength (din 51230):	12 KJ/m ²
Compressive strength (din 53454):	/

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. Potlife: 2 to 3 min. Curing time 15-20 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).