

:: PUR MC 30 A+B

Description:

Is a 2 component polyurethane casting system, non-filled, low viscous resin with low odour. Can be mixed with various fillers. The viscosity of the two components has been kept low in order to be able to fill it with the fillers. Available in 2 kg and 20 kg containers.

Application:

Universally applicable for all types of moulds and models. MC30 is easy to use, has a very good curing, very low viscosity. And is afterwards well editable. Very good 'edge' stability. Fast casting resin with long potlife, very low shrinkage.

Data on delivery:	<u>A-comp.</u>	<u>B-comp. (Iso 1)</u>
Color:	milky	yellowing
Viscosity:	900 mPas	100 mPas
Mass density:	1.00 gr/cm ³	1.20 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:	430 mPa's
Shore (din 53505):	+ - D80
Tensile strength (din 53455):	39 MPa
Elongation to fracture (din 53455) :	2 %
Bending strength (din 53452) :	65 Mpa
Bend to break (din 53452) :	5 %
Bending modulus (din 53457) :	1700 Mpa
Impact strength (din51230) :	5 KJ/m ²
Compressive strength (din53454) :	/

Processing:

Always ensure that the surface is as dry as possible. Mix individual components well before use.

Divide any fillers between the two components and mix thoroughly.

Mixing ratio: 100/100 parts by weight.

Pot life: 35 min. Curing time: 24 hours for thicknesses of 4-5 mm; 5-8 hours for thicknesses of 30-40 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).