Fast Pouring Resin - GH 12 *(Art # 1040030)*

2-Componenten-Polyurethan-Resin 1:1
working time 9-10 minutes

General Information:
GH 12 is a unfilled, low odour, fast pouring
2-Componenten-Polyurethan resin, Polyol and Isocyanat based, process able with fillers

Advantages:
-Very easy to use because of a low viscosity
-detailed reproduction even of complex surfaces
-low shrink value
-well hardening
-colourable

Application:
Designed fort he production of all kinds of Models or Moulds.
Detailed reproduction of very fine outlines.

Handling details:

Mixing ration:	resin : hardener 100 : 100
Material and working temperature.:	18 – 23 ° C
Viscosity at 25 ° C	resin: mPas ca. 140 / hardener: mPas ca. 75
Density at 20° C	resin g/cm³ ca. 0,95 / hardener g/cm³ca. 1,10
working time at RT (100 g):	approx. 9-10 minutes

Handling:

Attention!!! Please shake both components very well or stir up them up before using!!!
Weigh resin and hardener 100:100, mix the two components quickly and pour it into the dry mould.
Use a mould release or isolator.

Storage:
Please use open container quickly, close the container quickly after use. Store both components at 18-25° C.
Time of permanency: 6 month (not opened)
Please mix and shake both components very well after a long period of storages.

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Physical values component A + B of GH 12:

Colour			beige
Shore/D-Hardness	DIN 53505		ca. 75
Expansion	DIN 53455		ca.20%
Impact strength	DIN 51230	KJ/m²	ca.12
Bending strength	DIN 53452	N/mm²	ca.32
tensile strength	DIN 53455	N/mm²	ca.23
dimensional stability under heat			ca.90 °C
Flexural E-Modul	DIN 53457	N/mm²	ca.560

Values after 7 days.

Safety Measures:
Hardener contains Isocyanat – could sensitize the skin, the eyes ort he airways or may start allergies.
Please do not use this product in case of asthma or chronic bronchitis.
Make sure that you have enough fresh air during the work with GH12.
Use eye safety glasses and gloves.
Avoid open fire.
In case of eye contact please wash you eye 10 – 15 minutes with clear water and contact your doctor.

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