

*Our response to REACH regulations:
GM 984-1 and GM 985-1*

We are on your side!

- Dimensional stability*
- No brittleness phase*
- Chemical resistance*
- Abrasion resistance*



ebalta

Polyurethane casting compounds for construction of pattern plates, fixtures and core boxes

Resin	GM 984-1 Comp. A	GM 985-1 Comp. A
Hardener	GM 984-1 Comp. B	GM 985-1 Comp. B
Colour	Orange	Grey
Mixing ratio (p.b.w.)	100 : 130	100 : 130
Processing data		
Viscosity at 25°C (mPas)	2700 ± 200	2600 ± 200
Density at 20°C (g/cm ³)	1,15 ± 0,02	1,15 ± 0,02
Pot life 200 g / 20 °C (min.)	30 - 45	30 - 45
Curing time at RT (hrs.)	12 - 16	12 - 16
Physical data		
Flexural strength (MPa)	28 ± 1,0	25,5 ± 1,1
Flexural modulus (MPa)	787 ± 40	810 ± 40
Tensile modulus test piece type 2 (MPa)	39 ± 2	38 ± 2
Elongation at break test piece type 2 (%)	311 ± 8	300 ± 20
Shore hardness (Shore D)	65 ± 2	69 ± 2
Wear test jet test W(V/t) [mm ³ /min]	ca. 30	ca. 28
Abrasion Taber Abraser (mg) Type/Application weight/Rotations	ca. 17 H18/500/500H	ca. 21 H18/500/500H



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