

***ebalta PU systems for  
high abrasion resistant pattern equipment.  
Our variety of solutions will convince you.***

*Tooling resins   Blocks   Auxiliaries   Silicones*



***New: GM 987***

- high abrasion resistance*
- good castability*
- shore hardness D 65*

***ebalta***  
*Solution Takes Shape*

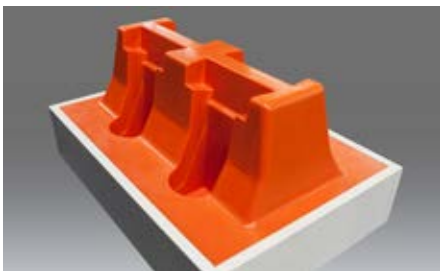
*The suitable solution for every equipment.*

*ebalta PU systems - matching with the individual requirements of your models, core boxes and pattern plates.*

| Material  | GM 984-1                     | GM 984-2                             | GM 986-1                                     | GM 987                           | OH 49                          |       |
|---|------------------------------|--------------------------------------|--|----------------------------------|--------------------------------|-------|
| Colour  | reddish-transparent          | reddish-opaque                       | yellow-opaque                                | orange-opaque                    | green                          | beige |
| Applications                                    | Core boxes                   | Core boxes                           | Foundry patterns                             | Foundry patterns<br>Core boxes   | Foundry patterns<br>Core boxes |       |
| Properties                                      | long pot life,<br>big volume | very good dimension-<br>al stability | dimensionally stable<br>at high temperatures | excellent abrasion<br>resistance | easily brushable               |       |
| Mixing ratio (p. b. w.)                         | 100 : 130                    | 100 : 130                            | 100 : 26                                     | 100 : 21                         | 100 : 36                       |       |
| Viscosity at 25°C<br>(mPas)                     | 2700                         | 2700                                 | 5800   | 7700                             | thixotrope                     |       |
| Pot life 200 g / 20°C<br>(min.)                 | 40 min                       | 19 min                               | 18 min                                       | 15 min                           | 14 min                         |       |
| Shore hardness D<br>at RT                       | 65                           | 67                                   | 70   | 65                               | 66                             |       |
| Shore hardness D<br>at 60°C                     | 44                           | 44                                   | 63   | 55                               | 56                             |       |
| Wear jet test<br>W(V/t) [mm <sup>3</sup> / min] | approx. 41                   | approx. 40                           | approx. 35                                   | approx. 15                       | approx. 28                     |       |

*Convincing variety. Advantages of ebalta PU systems:*

- high abrasion resistance
- dimensional stability at high temperatures
- reliable processing
- successful application of big models: 3000 x 2000 mm and 45 kg material



*Our team of product managers and field workers will advise you on materials and schedule according to your individual project requirements. Just feel free to contact us, we look forward to hearing from you!*

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