



Short-Summary of washing recommendations for Chocolate Moulds

Polycarbonate (PC) material is sensitive against some physical and chemical impact during the washing. Therefore we recommend to use following guidelines:

➤ ***Washing temperature***

- Maximum of 60°C (140°F) mould surface temperature

➤ ***Washing detergents***

- Use suitable washing agents, rinsing aids and defoamers
- PH value of washing agent should be around pH 9.5-10.5
- PH-value of rinsing agent should be below pH 7
- Make sure that the mixing ratio is approx. 1,0 to 3,0 g/liter washing agents
- Make sure that there are no remaining detergents after washing
- Contact detergent supplier for further details
- Detergents available through:
Hildebrand Industry, Switzerland (www.hildebrandindustry.ch)
Ecolab, Germany (www.ecolab.com)
- Don't clean the moulds mechanically, e.g. with cotton, brushes

➤ ***Water quality***

- Raw water hardness: approx. 0,18 - 0,36 mol/m³
- For rinsing aids use only demineralised water

➤ ***Water pressure***

- Use low pressure - high water pressure damages the mould surface

➤ ***Mould drying***

- The mould should be dried completely by air stream - maximum mould surface temperature is 60°C (140°F)
- All detergent remains must be washed off



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➤ **Professional Washing Equipment**

- We recommend to contact Hildebrand Industry (www.hildebrandindustry.ch)

Incorrect washing procedures can cause severe damage. Mould breakage, mould surface degradation, fading gloss, increased spotting and demoulding problems can result from improper washing procedures.

Your benefit of professional washing:

- Longer lifetime of the moulds
- High productivity through less breakage and spotting, better gloss and perfect demoulding

