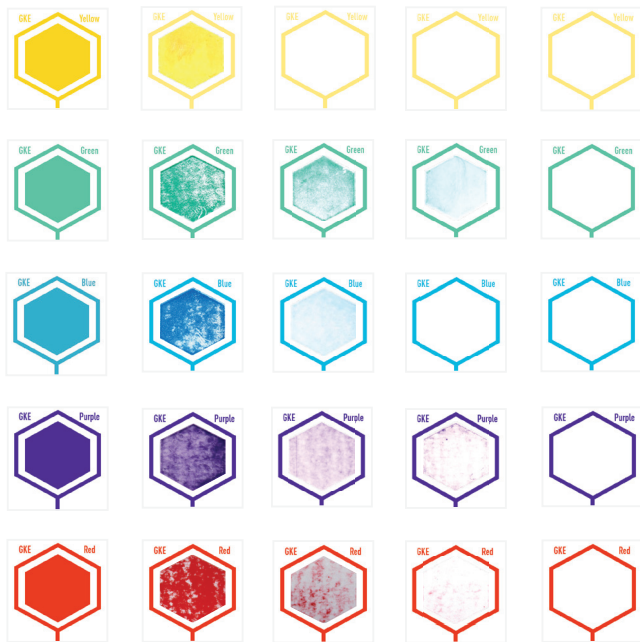


GKE Cleaning

Color Reference Chart

Cleaning Process Monitoring Indicators

Wash - off gradient



Actions for troubleshooting

Worse test results, compared to earlier batches, can occur because of different reasons:

Possible reasons	Action
Wrong program	Check documentation! Check if the correct program for the load has been used?
Modified load configuration	Check, if the load configuration complies with the specifications documented in the quality management system and the validation report.
Other location of indicator	Check, if the cleaning process monitoring indicator has been placed at the right location.
Other or expired detergent	Check cleaning detergent container. Did you use the right detergent or is it expired?
Wrong dosage	Check dosage. Mark liquid level in cleaning detergent can, run the program and check if the liquid level or weight differs from standard procedure!
Modified temperature/time cleaning integra	compare temperature time/integral from current batch with previous ones.
Spray arm not moving	Check, if the spray arm can be turned without resistance. Machine with glass door: Check spray arm during cleaning process. Other machines: Stop program during process and check if spray arm is able to move.
Worse water flow conditions	Check development of foam, pump failure, clogged strainer
Modified water quality	If tap water is used: Check hardness and salt content. Check if values have changed.
	If softened or demineralised water is used: Check water softening or demineralization system by testing pH-value and conductivity.

After checking the above mentioned actions, repeat cleaning process. Modification of spray and flush dynamics, e.g. clogged nozzles, leakages etc. may not be detected by yourself. To detect these possible causes, call technical service.