

CHOCOLATE CREAM SOILING⁺

For Assessing the Efficiency of Enzymes

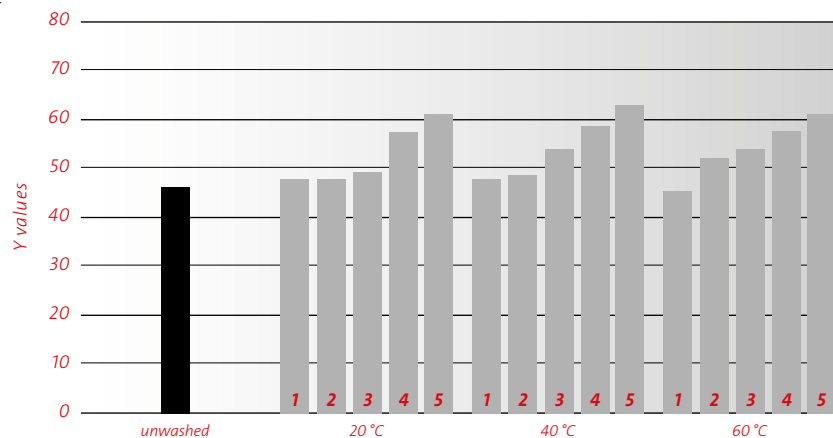
The test fabric is soiled with chocolate cream. It is useable at all washing temperatures.

article 160
soiling on cotton



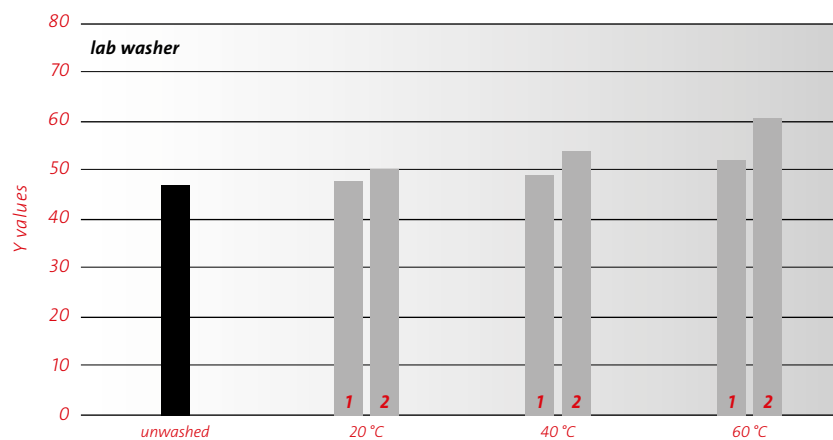
Article 160 is sensitive to amylases, proteases, the washing temperature and to bleaching agents, little affected by other enzymes like lipases, cellulases and mannanases. Not affected by agitation.

Influence of enzymes



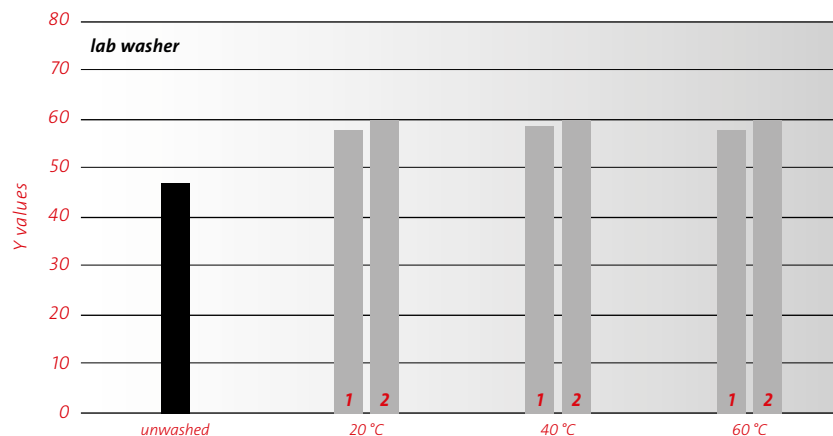
- 1 water
- 2 3.3 g/l ECE'98
- 3 3.3 g/l ECE'98
0.4% protease
- 4 3.3 g/l ECE'98
0.4% amylase
- 5 enzyme-mixture consists of (0.4% each):
protease, amylase, lipase & cellulase

Influence of bleaching agent



- 1 3.3 g/l ECE'98
- 2 3.3 g/l ECE'98
0.13 g/l TAED
0.85 g/l Perborat

Influence of agitation



- 1 3.3 g/l ECE'98
0.4% amylase
- 2 3.3 g/l ECE'98
0.4% amylase
steel balls