

PERFORMANCE OVERVIEW OF SOILINGS ⁺

Tested at Swissatest Laboratory

No. Soiling	Substrate			sensitive to				Enzymes					
	CO	PES/ CO	WO	Parameter									
				Agi ⁴	Temp ⁵	AoD ⁶	BA ⁷	Pr	Ce	Am	Ma	Li	Pe
101 Carbon Black / Olive Oil	● ²				☺	☺	☺	☺	☺				
104 Carbon Black / Olive Oil		● ⁴			☺	☺	☺	☺	☺				
106 Mineral Oil /Carbon Black	● ¹			☺	☺	☺	☺	☹	☹	☹	☹	☹	☹
107 Carbon Black / Olive Oil			●		☺	☺	☺	☺	☺				
111 Blood	● ¹				☺	☺	☺	☺					
112 Cocoa	● ¹				☺		☺	☺		☺		☺	
114 Red Wine	● ¹				☺		☺						
115 Immedial Black	● ²						☺						
116 Blood / Milk / Ink	● ¹				☺	☺	☺	☺	☹	☹		☺	
117 Blood / Milk / Ink		● ⁴			☺	☺	☺	☺	☹	☹		☺	
118 Sebum / Pigment	● ¹				☺	☺	☹	☹	☹	☹	☹	☹	☹
119 Sebum / Pigment		● ⁴			☺	☺	☹	☹	☹	☹	☹	☹	☹
120 Fat / Quartz / Iron Oxide	● ³			☺	☹	☺	☹						
122 Red Wine aged	● ¹				☺		☺						
123 Low Temp Washing Monitor	● ¹				☺	☺		☺					
124 JIS C9606	● ³				☺	☺	☹	☹	☹	☹	☹	☹	☹
125 Tenside Monitor	● ¹				☺	☺	☹	☹	☹	☹	☹	☺	☹
141 Lipstick	● ¹				☺	☺	☺	☹	☹	☹	☹	☺	☹
142 Lipstick		● ⁴			☺	☺	☺	☹	☹	☹	☹	☺	☹
143 Make-up	● ¹				☺	☺							
144 Make-up		● ⁴			☺	☺							
160 Chocolate-Cream	● ¹					☺	☺	☺	☺	☺	☺	☺	
161 Starch	● ¹									☺			
162 Starch		● ⁴								☺			
163 Porridge	● ¹			☺	☺			☺	☺	☺	☺	☺	
164 Grass	● ¹				☺	☺	☺	☺	☹	☹		☹	
165 Pudding, Mannanase sensitive	● ¹			☺		☹	☹	☺	☺	☺	☺	☺	
167 Tea	● ¹				☺	☺	☺						
168 Tea		● ⁴			☺	☺	☺						
180 Pectin	● ¹												☺
181 Pectin		● ⁴											☺

	Substrate:		Enzyme:	
4 Agitation	CO	Cotton, 100 %	Pr	Protease
5 Temperatur	PES / CO	Polyester / Cotton, 65 / 35 %	Ce	Cellulase
6 Amount of Detergent	WO	Wool, 100 %, muslin, 100 g/m ²	Am	Amylase
7 Bleaching Agent	● ¹	Cretonne, 200 g/m ²	Ma	Mannanase
	● ²	Percal, 85 g/m ²	Li	Lipase
	● ³	Canvas, 180 g/m ²	Pe	Pectinase
	● ⁴	Canvas, 155 g/m ²		

The test materials may sensitise to other enzymes or testing parameters. Interaction of enzymes in mixes are possible.

For detailed information check our product flyers on <http://www.swissatest.ch/en/downloads/documentation/test-materials.html>