



THE WOOLMARK COMPANY

WOOLMARK SPECIFICATION

WOOLMARK APPAREL CARE

DETERGENTS

SPECIFICATION CP-1

Effective 1 January 2016

WOOLMARK SPECIFICATION

SPECIFICATION CP-1: 2016

DETERGENTS

MANDATORY REQUIREMENTS

Property	Test method	Pass level	
Colourfastness to washing (staining) Delta E (maximum)	240	Shade 1	11.0
		Shade 2	4.0
		Shade 3	4.0
		Shade 4	
		Shade 5	28.5
		Shade 6	11.0
		Shade 7	7.0
		Shade 8	4.0
		Shade 9	4.0
		Shade 10	4.0
		Shade 11	7.0
		Shade 12	4.0
Wool fibre damage — wet burst strength (WBS)	286	WBS (reference) – WBS (test detergent) ≤ 20 kPa	
Presence of optical brightening agent (OBA) (wool component only; see Note 2)	146	≤ 1–2	
Hydrogen ion concentration (pH)	242	≤ 10.5	

TEST AND REPORT

Cleansing efficiency	311
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NOTES

- Any detergent that contains a bleaching system is NOT permitted. TWC-TM241 may be used to detect the presence of a bleach.
- If a detergent displays an optical brightening agent (OBA) rating >2, Woolmark TWC-TM5 (Light Fastness Test) must be carried out on the tested specimen to demonstrate that wool yellowing does not occur according to Woolmark TWC-TM146.

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