THE WOOLMARK COMPANY

WOOLMARK SPECIFICATION

WOOLMARK WOOL CARE

WASHING MACHINE CYCLE FOR MACHINE-WASHABLE WOOL PRODUCTS

SPECIFICATION LM-1

Effective 1 November 2026

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WASHING MACHINE CYCLE
FOR MACHINE-WASHABLE WOOL PRODUCTS

Woolmark Wool Care

MANDATORY REQUIREMENTS

Property	Test method	Pass level
Felting severity – woven (SM12)	268	Cycle Felting Severity Index (CFSI) ≤ 1.0
Cleansing efficiency	307	Cleansing efficiency at all cycle temperatures > 75% for carbon black > 90% blood > 80% chocolate > 90% wine
Wash cycle temperature Machines with a programmed fixed temperature for the Woolmark cycle	–	Water temperature < 42°C Maximum = programmed value +2°C Minimum = programmed value -5°C

NOTES

1. For machines with fixed programmed temperature for the proposed Woolmark labelled cycle, or for which the manufacturer recommends an operating temperature, the cycle felting severity and cleansing efficiency must be determined at the recommended or required temperature. For machines with no heating or where these is no recommended program temperature, the cycle felting severity and cleansing efficiency must be determined at 20°C and 40°C.

2. The machine must have a spin on the final element of the cycle. It is advised that the final spin speed be as high as possible to remove the maximum amount of water. A high final spin speed will not have a negative effect on cycle felting severity.

3. The specification applies only to 'automatic' washing machines. Automatic machines are defined as those which only require the user to choose the appropriate approved cycle (program). 'Semi-automatic' washing machines that require additional manual processes by the user, such as draining, adding new water to rinse or move the load for the final spin, cannot be approved. Twin tub machines are considered 'semi-automatic'.

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