

DLG Test Report 7169

DM Folien GmbH

AGRIplus white 150

white, UV-stabilized, 150 µm



**CONTINUOUS
MONITORING**

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Overview

The DLG QUALITY SEAL for operating equipment and consumables encompasses products, which are subjected to extensive testing of their value-determining and advertised characteristics. The tested criteria and the requirements to be fulfilled are specified by independent commissions and are designed – over and above legal requirements – to prove the product’s fitness for purpose, its advertised characteristics and practical requirements.

Testing contents and requirements are developed further by the responsible specialist departments of the DLG e.V. in line with the applicable legislation, as well as with technical and scientific progress.

Successful testing is concluded with the assignment of the DLG QUALITY SEAL. The approved products are then published. Other criteria were not investigated.



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Test results

DLG QUALITY PROFILE	Requirement	Evaluation*
Film dimensions	≥ nominal length, ≥ 98 % nominal width	✓
Film thickness	$0.140 \leq d \leq 0.170$ mm	✓
Material condition	evenly coloured, free of streaks and pores	✓
Tearing force in new condition	longitudinally, transversely, over folds: ≥ 25 N/cm	✓
Elongation of tears in new condition	longitudinally, transversely, over folds: ≥ 400 %	✓
Tear resistance in new condition	longitudinally, transversely, over folds: ≥ 17 MPa	✓
Dart drop resistance in new condition	compliance with the manufacturer’s declaration	✓
Elongation of tear transversely after acid storage	reduction: ≤ 15 %	✓
Tear resistance transverse after acid storage	reduction: < 10 %	✓
Elongation of tears transversely after aging (weathering)	> 350 %; reduction in new condition: < 30 %	✓
Change in size after warm storage after aging	longitudinal: ≤ 2 % / transverse: < 2 %	✓
Oxygen permeability in 0,2 bar	< 250 cm ³ /(m ² · d)	✓

* Evaluation range: requirements fulfilled (✓) / requirements not fulfilled (✗)

Manufacturer and contact information

Applicant

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