MOCON AQUATRAN® 3/38 (H) - Single Test Report

Structure: AlOx 14 µm / CPP 40 µm | Water vapour transmission rate (WVTR)

Test date: 2026-09-16 | ASTM D3985 / ASTM F1249 | Sample area 50.00 cm² | Issued by DSS Pack

TEST INFO

Cell ID: Cell A2 **Test ID:** 1971

TEST DETAILS

Temperature:	38.0 ºC	**Sample Area:**	50.00 cm²	**Number of Cycles:**	N/A
Compensate:	No	**Instrument Rezero:**	On	**Exam Minutes:**	30 minutes
Compensate To:	N/A	**ReZero Frequency:**	1	**WVTR Adjustment Gain:**	1.02609
Test Gas RH:	90.0 %RH	**ReZero Exam Minutes:**	30 minutes	**WVTR Adjustment Date:**	2:17 AM 2025-02-16
Mass Flow:	10.0 SCCM	**Individual Zero:**	Off	**Start Date:**	8:34 AM 2026-09-16
Barometer:	742 mmHg	**Convergence Period:**	2 Cycles	**Completed Date:**	6:47 PM 2026-09-16
Thickness:	12.00 µm	**Convergence Percent:**	1.00 %	**Test Time:**	10.21 hours
Conditioning:	Off				
Conditioning Time:	N/A				
Test Mode:	Converge by Cycle				
Method Name					

TEST RESULTS

	IN SELECTED UNITS	IN STANDARD UNITS
Transmission @90.0%	0.5973 g/(m² · day)	0.5973 g/(m² · day)
Permeation @90.0%	7.167600 g · µm/(m² · day)	0.282189 g · mil/(m² · day)
Instrument Rezero		0.0066535 g/day

OPERATOR COMMENTS:

DATA POINTS

Time	Rate / Event	Time	Rate / Event	Time	Rate / Event	Time	Rate / Event
0:00	0.0000	0:00	Testing	2:12	0.5890	6:12	0.5936
10:12	0.5973	10:12	Test Complete				

