

TEST RESULTS and REPORT

for

**Performance Coatings
International**

T-PCI042612

by



COLTS Laboratories maintains A2LA accreditation to ISO/IEC 17025 for the tests listed on Certificate # 1612.01. Any tests not included on this certificate have been identified on the appropriate test result page.

- Results in this report only relate to the samples analyzed.
- This report shall not be reproduced, except in full, without written approval from COLTS Laboratories.
- Unless otherwise requested, test samples will be discarded 21 days from the report date.

COLTS Laboratories

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**Table of
Contents**

A2LA Accredited-Cert .#1612.01

Performance Coatings International

T-PCI042612

Anti-Fog-DQ - 1 Test(s)

Authorizing Signature: _____

**Greg Williams
Technical Services Manager**

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Vueguard 932 AF (AB-10-39E)

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**RESULTS
REPORT**

A2LA Accredited Certificate # 1612.01

Performance Coatings International

Sample:

Vueguard 932 AF (AB-10-39E)

For Test:

Anti-Fog-DQ

Colts Internal Control Number:

T-PCI042612-01-01**Sample Group Description**

Samples		Material / Coatings (HC,AR)		Comments:
Manufacturer:	Performance Coatings International	Material:	Polycarbonate	Vueguard 932 AF (AB-10-39E)
		Coating Type:	AF	
Requested by:	Aneta Bogdanova	Lens Type:	FSV	
Report Date:	5/18/2012	Lab Temp (°C) :	21	
Report Valid thru:	11/18/2012	Lab Rh :	46	

Test Number	Initial Lux	8 sec.	% T	EN 166 Pass/Fail
T-PCI042612-01-01-01	9.68	9.58	98.97%	Pass
T-PCI042612-01-01-02	9.34	9.14	97.86%	Pass
T-PCI042612-01-01-03	5.44	5.38	98.90%	Pass
T-PCI042612-01-01-04	8.83	8.71	98.64%	Pass

Test Criteria: Clause 16 of EN 168:2001
 Acceptance Criteria: Clause 7.3.2 EN 166:2001
 Lens shall remain free from fogging for a minimum of 8s
 Lux is a measurement of light energy

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**RESULTS
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Performance Coatings International

Sample:

Vueguard 932 AF (AB-10-39E)

For Test:

Anti-Fog-DQ

Colts Internal Control Number:

T-PCI042612-01-01**Sample Group Description**

Samples		Material / Coatings (HC,AR)		Comments:
Manufacturer:	Performance Coatings International	Material:	Polycarbonate	Vueguard 932 AF (AB-10-39E)
		Coating Type:	AF	
Requested by:	Aneta Bogdanova	Lens Type:	FSV	
Report Date:	5/18/2012	Lab Temp (°C) :	21	
Report Valid thru:	11/18/2012	Lab Rh :	46	

Test Number	Initial Lux	30 sec.	% T	ASTM Pass/Fail
T-PCI042612-01-01-01	9.68	8.72	90.08%	Pass
T-PCI042612-01-01-02	9.34	8.16	87.37%	Pass
T-PCI042612-01-01-03	5.44	5.05	92.83%	Pass
T-PCI042612-01-01-04	8.83	7.81	88.45%	Pass

ASTM F 659 (Annex A1) = 80% of initial transmittance at 30 seconds.

Lux is a measurement of light energy