

TEST RESULTS and REPORT

for

PolyOptics Co, Ltd

Hi-Saver Lens

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.

Also Certified for testing by the Safety Equipment Institute

Z-PYO070110-01

- 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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A2LA Accredited-Certificate # 1612.01

PolyOptics Co, Ltd

Z-PY0070110-01

***SUMMARY
REPORT***

Project ID	Test /Model(s)	Results Pass / Fail	Reason	Page
Z-PY0070110-01-01	ANSI Z87.1-2003 High Impact Prescription Lenses Hi-Saver - High Impact Ophthalmic Lens	Pass		1

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A2LA Accredited Certificate 1612.01

Report Summary

Report To:

PolyOptics Co, Ltd
4/5 Moo 4, Radniyom
Sainoi, Nontaburi 11150
Attn: Waranya Kaewpanore

PROJECT

Report of: ANSI Z87.1-2003 High Impact Prescription Lenses
of Model(s): Hi-Saver - High Impact Ophthalmic Lens
Project ID(s): Z-PYO070110-01-01

Date: Wednesday, August 25, 2010

On Thursday, July 01, 2010, COLTS Laboratories received Lenses: Hi-Saver - High Impact Ophthalmic Lens from PolyOptics Co, Ltd. From Thursday, July 01, 2010 through Wednesday, August 25, 2010 COLTS Laboratories tested these Lenses in accordance with ANSI Z87.1-2003.

Final Conclusion:

The Lenses: Hi-Saver - High Impact Ophthalmic Lens do comply with ANSI Z87.1-2003 for the test(s) performed for ANSI Z87.1-2003 High Impact Prescription Lenses.

Please contact us should you have any questions concerning this report.

Respectfully submitted,

COLTS Laboratories

A handwritten signature in blue ink, appearing to read "Daryl Neely".

Daryl Neely
Vice-President & COO

A handwritten signature in blue ink, appearing to read "John M. Young".

John M. Young
President & CEO

Report To: PolyOptics Co, Ltd

Project No. Z-PYO070110-01-01



A2LA Accredited-Cert #1612.01

Sample ID:
Hi-Saver - High Impact Ophthalmic Lens

Report Date: 8/25/2010

Report of: ANSI Z87.1-2003 High Impact Prescription Lenses

Lab Temp (°C) : 22

Lab Rh : 49

Test/Property	ANSI Z87-1 Paragraph	Requirement	Test Results	Acceptance
High Velocity Impact	7.5.2.1	Failure consists of any posterior displacement of the lens completely through the test holder; any fracture of the lens; any detachment of a portion of the lens from its inner surface; or any full thickness penetration of a lens.		
	14.3			
	Lens 1		154 fps	Pass
	Lens 2		147 fps	Pass
Minimum Thickness	7.5.2.2	High impact non-plano lenses shall be not less than 2.0 mm thick.		
	Lens 1		2.20 mm	Pass
	Lens 2		2.23 mm	Pass
	Lens 3		2.24 mm	Pass