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AMERICAN PROFOL, INC.
Date: December 3, 2015

Report No.: 102354531GRR-001
Quote No.: Qu-00652974
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Test Report For:

AMERICAN PROFOL, INC.

**ANSI/KCMA A161.1 – 2012
(9.4 Chemical Resistance)**

Part #s 202564 Orange Peel, 202612 PIKO



Gary Liu
Reviewer

Larry Schwartz
Project Engineer

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Attention: Todd Handrick
AMERICAN PROFOL, INC.
4333 C Street NW
Cedar Rapids, IN 52404
Phone: 319-731-3338
Email: thandrick@profol.com

DATE RECEIVED: 11/04/15
DATES TESTED: 11/12/15 – 11/27/15

DESCRIPTION OF SAMPLES:

Part Description: Part #s 202564 Orange Peel, 202612 PIKO
Material Submitted: Four (4) covered panels
Material Specification: ANSI/KCMA A161.1 – 2012
Condition of Samples: Prototype

WORK REQUESTED/APPLICABLE DOCUMENTS:

9.4 Chemical Resistance: ANSI/KCMA A161.1 – 2012

CONCLUSION:

9.4 Chemical Resistance:
Part # 202564 Orange Peel Conforming
Part # 202612 PIKO Conforming

SAMPLE DISPOSITION:

At conclusion of testing, samples were disposed of in a routine manner.

9.4 CHEMICAL RESISTANCE:

Date Received: 11/04/15
Date Tested: 11/12/15 - 11/27/15

Description of Samples:

Part Description: Part #s 202564 Orange Peel, 202612 PIKO
Material Submitted: Four (4) covered boards
Material Specification: ANSI/KCMA A161.1 – 2012
Sampling: Samples tested as received

Test Procedure:

Test Method: ANSI/KCMA A161.1 – 2012
Conditioning: 24 hours minimum at 23±2°C / 50±5% RH
Exposure: With cabinet in normal vertical position, place 3 cc's of each of the test materials on each of the surfaces to be tested. Permit the materials to stand for the stated times, then sponge wash the surfaces with clear water and dry with a clean cloth.

Number of Specimens Tested: Four (4) Panels

Materials Used:

Test Material	Brand	Duration
Vinegar	Consumers Brand	24 Hours
Lemon Juice	Meijer	24 Hours
Orange Juice	Minute Maid	24 Hours
Grape Juice	Nestle	24 Hours
Tomato Catsup	Heinz	24 Hours
Coffee at 46°C	Nescafe	24 Hours
Olive Oil	Mazola	24 Hours
100 Proof Alcohol	Smirnoff	24 Hours
Detergent Solution	Dawn	24 Hours
Mustard	French's	1 Hour

Acceptance Criteria:

There shall be no discoloration, stain, or whitening that will not disperse with ordinary polishing when examined under the procedures of Section 9.7.:

Examine the test specimen by placing it in a vertical position. Lighting shall be from an overhead white fluorescent light with bulb(s) positioned parallel to the floor and having an intensity of 75 to 100 foot-candles (807 to 1076 lux) on the surface. View at an eye-to specimen distance of approximately 30-36 inches (772 to 914.4 cm) and at an angle of approximately 45 degrees. Direct sunlight or other angle light sources, which will accentuate or minimize the effect, shall be avoided.

In event of failure during initial examination following testing, the tested parts shall be permitted to stand for 14 days and then shall be reexamined for the same performance requirements.

Continued below...

Results:

202564 Orange Peel Horizontal Initial Evaluation				
Chemical	Discoloration	Stain	Whitening	Disposition
Vinegar	No	No	No	Conforming
Lemon	No	No	No	Conforming
Orange Juice	No	No	No	Conforming
Grape Juice	No	No	No	Conforming
Tomato Catsup	Yes	Yes	No	Nonconforming
Coffee at 46°C	No	No	No	Conforming
Olive Oil	No	No	No	Conforming
100-Proof Alcohol	No	No	No	Conforming
Detergent Solution	No	No	No	Conforming
Mustard	No	No	No	Conforming

202564 Orange Peel Vertical Initial Evaluation				
Chemical	Discoloration	Stain	Whitening	Disposition
Vinegar	No	No	No	Conforming
Lemon	No	No	No	Conforming
Orange Juice	No	No	No	Conforming
Grape Juice	No	No	No	Conforming
Tomato Catsup	No	No	No	Conforming
Coffee at 46°C	No	No	No	Conforming
Olive Oil	No	No	No	Conforming
100-Proof Alcohol	No	No	No	Conforming
Detergent Solution	No	No	No	Conforming
Mustard	No	No	No	Conforming

Continued below...

202612 PIKO Horizontal Initial Evaluation				
Chemical	Discoloration	Stain	Whitening	Disposition
Vinegar	No	No	No	Conforming
Lemon	No	No	No	Conforming
Orange Juice	No	No	No	Conforming
Grape Juice	No	No	No	Conforming
Tomato Catsup	Yes	Yes	No	Nonconforming
Coffee at 46°C	No	No	No	Conforming
Olive Oil	No	No	No	Conforming
100-Proof Alcohol	No	No	No	Conforming
Detergent Solution	No	No	No	Conforming
Mustard	No	No	No	Conforming

202612 PIKO Vertical Initial Evaluation				
Chemical	Discoloration	Stain	Whitening	Disposition
Vinegar	No	No	No	Conforming
Lemon	No	No	No	Conforming
Orange Juice	No	No	No	Conforming
Grape Juice	No	No	No	Conforming
Tomato Catsup	Yes	Yes	No	Nonconforming
Coffee at 46°C	No	No	No	Conforming
Olive Oil	No	No	No	Conforming
100-Proof Alcohol	No	No	No	Conforming
Detergent Solution	No	No	No	Conforming
Mustard	No	No	No	Conforming

Results:

202564 Orange Peel Horizontal 14 Day Evaluation				
Chemical	Discoloration	Stain	Whitening	Disposition
Vinegar	No	No	No	Conforming
Lemon	No	No	No	Conforming
Orange Juice	No	No	No	Conforming
Grape Juice	No	No	No	Conforming
Tomato Catsup	No	No	No	Conforming
Coffee at 46°C	No	No	No	Conforming
Olive Oil	No	No	No	Conforming
100-Proof Alcohol	No	No	No	Conforming
Detergent Solution	No	No	No	Conforming
Mustard	No	No	No	Conforming

202564 Orange Peel Vertical 14 Day Evaluation				
Chemical	Discoloration	Stain	Whitening	Disposition
Vinegar	No	No	No	Conforming
Lemon	No	No	No	Conforming
Orange Juice	No	No	No	Conforming
Grape Juice	No	No	No	Conforming
Tomato Catsup	No	No	No	Conforming
Coffee at 46°C	No	No	No	Conforming
Olive Oil	No	No	No	Conforming
100-Proof Alcohol	No	No	No	Conforming
Detergent Solution	No	No	No	Conforming
Mustard	No	No	No	Conforming

Continued below...

202612 PIKO Horizontal 14 Day Evaluation				
Chemical	Discoloration	Stain	Whitening	Disposition
Vinegar	No	No	No	Conforming
Lemon	No	No	No	Conforming
Orange Juice	No	No	No	Conforming
Grape Juice	No	No	No	Conforming
Tomato Catsup	No	No	No	Conforming
Coffee at 46°C	No	No	No	Conforming
Olive Oil	No	No	No	Conforming
100-Proof Alcohol	No	No	No	Conforming
Detergent Solution	No	No	No	Conforming
Mustard	No	No	No	Conforming

202612 PIKO Vertical 14 Day Evaluation				
Chemical	Discoloration	Stain	Whitening	Disposition
Vinegar	No	No	No	Conforming
Lemon	No	No	No	Conforming
Orange Juice	No	No	No	Conforming
Grape Juice	No	No	No	Conforming
Tomato Catsup	No	No	No	Conforming
Coffee at 46°C	No	No	No	Conforming
Olive Oil	No	No	No	Conforming
100-Proof Alcohol	No	No	No	Conforming
Detergent Solution	No	No	No	Conforming
Mustard	No	No	No	Conforming