



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## *Certificate of Accreditation*

*Perry Johnson Laboratory Accreditation, Inc. has assessed the Laboratory of:*

### ***Teel Analytical Laboratories***

***1060 Teel Court, Baraboo, WI 53913  
702 Lynn Avenue, Baraboo, WI 53913  
426 Hitchcock Street, Baraboo, WI 53913***

*(Hereinafter called the Organization) and hereby declares that Organization is accredited  
in accordance with the recognized International Standard:*

### **ISO/IEC 17025:2005**

This accreditation demonstrates technical competence for a defined scope and the  
operation of a laboratory quality management system  
(as outlined by the joint ISO-ILAC-IAF Communiqué dated January 2009):

***Chemical, Mechanical, and Dimensional Testing***  
*(As detailed in the supplement)*

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

*Initial Accreditation Date:*

December 5, 2013

*Issue Date:*

November 27, 2017

*Expiration Date:*

March 31, 2020

*Accreditation No.:*

76253

*Certificate No.:*

L17-512

Tracy Szerszen  
President/Operations Manager

Perry Johnson Laboratory  
Accreditation, Inc. (PJLA)  
755 W. Big Beaver, Suite 1325  
Troy, Michigan 48084

*The validity of this certificate is maintained through ongoing assessments based  
on a continuous accreditation cycle. The validity of this certificate should be  
confirmed through the PJLA website: [www.pjlab.com](http://www.pjlab.com)*



# Certificate of Accreditation: Supplement

## Teel Analytical Laboratories

1060 Teel Court, Baraboo, WI 53913  
 702 Lynn Avenue, Baraboo, WI 53913  
 426 Hitchcock Street, Baraboo, WI 53913  
 Contact Name: Dan Clark Phone: 608-355-3080

Accreditation is granted to the facility to perform the following testing:

### 1060 Teel Court, Baraboo, WI 53913

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Chemical <sup>F</sup>	Plastics	% Crystallinity/ Enthalpy of Fusion/ Heat Capacity / Delta CP / Glass Transition Onset Temperature / Glass Transition Endset Temperature / Glass Transition Midpoint Temperature / Melt Peak Temperature / Melt Onset Temperature / Melt Endset Temperature / OIT / Reaction Enthalpy / Reaction Onset Temperature / Reaction Endset Temperature / Reaction Midpoint Temperature	ASTM D3418	-80 °C to 600 °C
		% Composition / Degradation Onset Temperature/ % Inorganic Material/ % Carbon	ASTM E1131	Ambient to 1 100 °C
		Infrared Spectrum/ Qualitative Identification	ASTM E1252	N/A
		Moisture	ASTM D7191	12.7 µg to 5 000 µg
		Thermogravimetric Analysis	ASTM D3850	D.L. = 0.046 mg
		Mechanical <sup>F</sup>	Plastics	Density
	Liquids	Viscosity	ASTM D2196	10 % to 100 % torque limit



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Dimensional <sup>F</sup>	Solid and Liquid Materials	Microscopy	Teel SOP053	> 0.005 mm
		Particle Size	ASTM D1921	10 to 270 mesh size

### 702 Lynn Avenue, Baraboo, WI 53913

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Chemical <sup>F</sup>	Plastics	Loss on Drying	ASTM E1868 <sup>1</sup>	> 2.067 8 mg

### 1060 Teel Court, Baraboo, WI 53913 and 426 Hitchcock Street, WI 53913

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Mechanical <sup>F</sup>	Plastics	Durometer Hardness	ASTM D2240 <sup>2</sup>	20 dp to 90 dp

### 1060 Teel Court, Baraboo, WI 53913, 702 Lynn Avenue, Baraboo, WI 53913, 426 Hitchcock Street, Baraboo, WI 53913

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Mechanical <sup>F</sup>	Plastics	Bulk Density	ASTM D1895	N/A

- The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location. Example: Outside Micrometer<sup>F</sup> would mean that the laboratory performs this testing at its fixed location.