



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Applied Adhesives

7730 Childsdale Ave NE, Rockford, MI 49341

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

ISO/IEC 17025:2017

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 April 2017):

Mechanical, Non-Destructive, and Chemical 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:

Tracy Szerszen
President

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

Initial Accreditation Date:

March 17, 2015

Issue Date:

October 05, 2022

Expiration Date:

December 31, 2024

Accreditation No.:

78569

Certificate No.:

L22-664

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.pjlabs.com



Certificate of Accreditation: Supplement

Applied Adhesives

7730 Childsdale Ave NE, Rockford, MI 49341
 Contact Name: Jim Huyck Phone: 248-303-9837

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

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 ^F	Adhesive	Gel Time - 2k material	WI-LP001-13	D.L. = ± 1 s
Mechanical ^F	Assembly	Lap Shear - Shear Force	WI-LP002-13 ASTM D3163	Capacity: 10 kN
		Tongue and Groove Tensile Strength	WI-LP003-13	Speed: 0.005 mm/min to 500 mm/min
		Peel Strength 90 degree peel	WI-LP014-14 ASTM D6862-	Test Distance: Up to 1 122 mm
		Peel Strength 180 degree peel	WI-LP014-14 ASTM D903	
		Creep Resistance - Static Shear	WI-LP010-14 ASTM D1780	Qualitative/Visual
	Adhesive, Sealer or Coating	Viscosity - Brookfield Viscometer	WI-LP016-14 ASTM D3236	100 cps to 8 000 000 cps RT-300°C
		Elongation/Tensile Strength/ Young's Modulus Material properties	ASTM D412	Capacity: 10 kN Speed: 0.005 mm/min to 500 mm/min Test Distance: Up to 1 122 mm
		Slump/ Temperature Resistance/Bead Sag	WI-LP018-14	0.5 mm to 100 mm
	Adhesive	Material Tack - Tack Determination	ASTM D-3121	0.5 mm to 1 000 mm
		Bond Performance Development/ Green Strength Testing	WI-LP017-14 ASTM D1144	Capacity: 10 kN Speed: 0.005 mm/min to 500 mm/min Test Distance: Up to 1 122 mm
Non-Destructive ^F	Assembly	Humidity Resistance	Time and temperature parameters per customer direction ASTM B117	35 °C to 40 °C & 95 % RH
		Heat Age Resistance	Time and temperature parameters per customer direction	60 °C to 260 °C
		Cold Temperature Resistance	Time and temperature parameters per customer direction	-40 °C to 0 °C
		Water Resistance	Time and temperature parameters per customer direction ASTM D870	22 °C to 80 °C



Certificate of Accreditation: Supplement

Applied Adhesives

7730 Childsdale Ave NE, Rockford, MI 49341
Contact Name: Jim Huyck Phone: (877) 748-2050

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

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
Non-Destructive ^F	Substrate	Dyne Surface Free Energy	WI-LP008-13 ASTM D2578	30 dyne/cm to 72 dyne/cm
	Adhesive, Sealer or Coating	Hardness/Shore A	WI-LP019-15 ASTM D2240	0 Shore A to 100 Shore A
		Density/Weight per Gallon	ASTM D1875	D.L. = 83.2 mL

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

