



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

**University of Dayton Research Institute
Sealants and Elastomers Lab
300 College Park
Dayton, OH 45469**

has been assessed by ANAB
and meets the requirements of international standard

ISO/IEC 17025:2005

while demonstrating technical competence in the field of

TESTING

Refer to the accompanying Scope of Accreditation for information regarding the types of tests to which this accreditation applies.

L2021-1

Certificate Number



ANAB Approval

Certificate Valid: 06/25/2017 - 06/25/2020
Version No. 001 Issued: 07/19/2017



This laboratory 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 (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

**University of Dayton Research Institute
Sealants and Elastomers Lab**

300 College Park
Dayton, OH 45469
Kate Holley
(937) 229-3606

TESTING

Valid to: **June 25, 2020**

Certificate Number: **L2021-1**

Mechanical

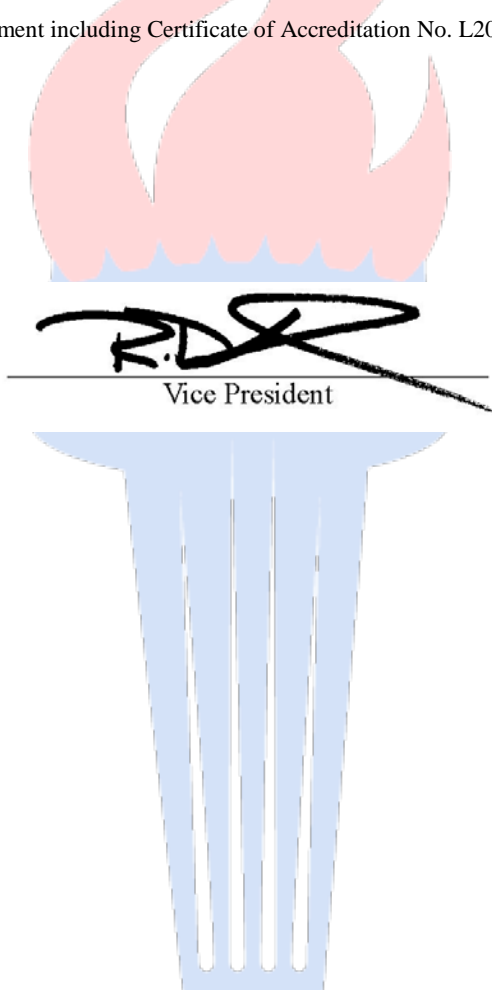
Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Tensile	ASTM D412- Method A ASTM D1414	Sealants and Elastomers	
Hardness (Shore A, M)	ASTM D2240	Sealants and Elastomers	
Humidity	AS 5127/1	Sealants and Elastomers	
Weatherometer	AS 5127/1	Sealants and Elastomers	
Peel Strength	ASTM C794* AS 5127/1	Sealants and Elastomers	
Fluid Aging	ASTM D471 AS 5127/1	Sealants and Elastomers	
Air Aging	ASTM D573	Sealants and Elastomers	
Specific Gravity	ASTM D792 ASTM D297	Sealants and Elastomers	
Tack Free Time	AS 5127/1 Para. 5.8	Sealants and Elastomers	
Nonvolatile Content	AS 5127/1 Para. 5.1	Sealants and Elastomers	
Assembly Time	AS 5127/1 Para. 5.7	Sealants and Elastomers	
Flow	AS 5127/1 Para. 5.5	Sealants and Elastomers	
Application Time	AS 5127/1 Para. 5.6	Sealants and Elastomers	
Low Temperature Flexibility	AS 5127/1 Para. 7.6	Sealants and Elastomers	


Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Resistance to Thermal Expansion	AS 5127/1 Para. 6.4	Sealants and Elastomers	
Resistance to Thermal Rupture	AS 5127/1 Para. 7.2	Sealants and Elastomers	
Shear Strength	AS 5127/1 Para. 7.8	Sealants and Elastomers	
Cloth Extraction	ASTM D2257	Aircraft Cloth for Solvent Cleaning	
Hydrolytic Stability	AS 5127/1 Para. 6.6	Sealants and Elastomers	

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. L2021-1.




Vice President