

CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

University of Dayton Research Institute Sealants and Elastomers Lab

1700 S. Patterson Boulevard Dayton, OH 45469

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document. The current scope of accreditation can be verified at www.anab.org.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 25 June 2023 Certificate Number: L2021-1





SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

University of Dayton Research Institute Sealants and Elastomers Lab

1700 S. Patterson Boulevard Dayton, OH 45469 Barbara Miller 937 229 3473

TESTING

Valid to: June 25, 2023 Certificate Number: L2021-1

Mechanical

Specific Tests and/or Properties Measured	Specifica <mark>tion, Standard,</mark> Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Tensile	ASTM D4 <mark>12- Method A</mark> ASTM D1414	Sealants and Elastomers	
Hardness (Shore A, M)	ASTM D2240	Sealants and Elastomers	
Compression Set	ASTM D395 Method B	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	



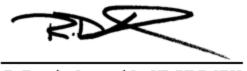


Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Pr <mark>o</mark> duct Tested	Key Equipment or Technology
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	
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.



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