

**RESCOLL ROCHEFORT (5074195)
ZA BELIGON
17300 ROCHEFORT - FRANCE**

is qualified for following
SPECIAL PROCESSES

- **Materials Testing (Lab Testing)**
 - ILSS test (Interlaminar Shear Strength test)
 - A | ▪ ***Climbing drum peel test***

This qualification is granted under
the conditions and restrictions defined in appendix 1

Special Processes Management

AH Laboratory

RECORD OF REVISIONS

Issue	Modified by	Description of Change / modified pages	Date of change
-	E. GEREONE ETXLL	<u>New document</u> : Supplier's qualification for special Materials Testing (Lab Testing) process (p.3/4)	21.09.2022
A	E. GEREONE ETXLL	Qualification of a new test for the special Materials Testing (Lab Testing) process (p.3/4)	06.11.2023

APPENDIX 1

SPECIAL PROCESS : MATERIALS TESTING (LAB TESTING)

- ILSS test (Interlaminar Shear Strength test)
- A | ▪ ***Climbing drum peel test***

Performed in accordance with the following documents :**Associated standards :**

- | | | |
|---|-----------------------|---|
| A | - EN 2563 July 97 | Carbon Fibre Reinforced plastics unidirectional laminates - Determination of apparent interlaminar shear strenght |
| | - EN 2377 June 89 | Glass Fibre Reinforced plastics - Determination of apparent interlaminar shear strenght |
| | - ISO 14130 April 98 | Composite plastics reinforced of fibres - Determination of apparent interlaminar shear strenght by flexural test |
| | - EN 2243-3 | <i>Non-metallic materials - Structural adhesives - Test method - Part 3 : Peeling test Metal-Honeycomb core</i> |
| | - EI071 IGC 04 26 270 | <i>Adhesives and sandwich laminates - Determination of peel strength - climbing drum peel</i> |

Supplier documentation :


- | | | |
|---|----------------|--|
| A | - MO 689 ind C | Operating procedure: Composites CIL at Room Temperature NF EN 2563, NF EN2377, NF EN ISO 14130 |
| | - MO676B | <i>Pelage tambour grim pant suivant IGC 04.26.270</i> |

With the following resources :

- | | |
|------------------|---|
| - Test machine : | Zwick 1475 – Z100 or similar |
| - Load cell : | 10 kN or similar |
| - Devices : | CRT-96-024-01-01
RFT-001-002
CRT-14-01-02-02
CRT-14-01-01-02
CRT-96-22-01-01
CRT-09-22-01-01
CRT-09-25-01-01 or similar |

This Qualification is based on the following results :

- | | |
|-------------------------|----------------------------|
| - Qualification program | ETXLL 2022-2033 |
| A | <i>ETXLL-SPV 2023-0495</i> |

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This qualification could be suspended or cancelled at any time in case of decrease in quality. All modifications initiated by supplier must be submitted to Airbus Helicopters for approval. In case of Airbus Helicopters documentation revision, modifications have to be implemented or request for deviation have to be submitted to Airbus Helicopters for approval.

APPENDIX 1

SPECIAL PROCESS : MATERIALS TESTING (LAB TESTING)

- ILSS test (Interlaminar Shear Strength test)
- A | ▪ ***Climbing drum peel test***

Performed in accordance with the following documents :

This Qualification is based on the following results :

- Documentation analysis ETXLL 2022-2060
A | ETXLL-SPV 2023-0494
- Audit report N/A
- Final test report PTP COM-2020-6256 Kit ILSS-2020
A | COM-2021-6823 Kit Climbing Drum Peel-2021
- NADCAP Accreditation Certificate n°7798203281 - Validity: 31/05/2024
- COFRAC Accreditation A | Certificate n°1-6323 rév. 6 - Validity: 31/08/2028
- Example of testing report N°2109048
A | N°1000484-1
- Supplier tooling control E1076 ind A - Vérification outillage CIL selon NF EN 2563
A | E998 ind B - Outillage de pelage au tambour grim pant
- Verification reports PLM213540QCA-02_A0292 (Load)
PLM213540QCA-03_A0292 (Displacement)
PLM213540QCA-04_A0292 (Speed)
A | PLM 222478VGR-04_A0292 (Load)
PLM 222478SDH-08_A0292(Displacement)
PLM 222478SDH-09_A0292 (Speed)

The Qualification is subject to the following specific conditions :

Safety class : N/A

Design applicability : AH/AHD according EI021HS5011.

Restrictions :

Test **ONLY** at Room temperature (ILSS test (Interlaminar Shear Strength test)).

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