

## CERTIFICATE

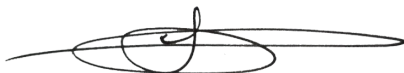
DELFINGEN Industry certifies that the information contained in a lab Scope is considered as a partially confidential document. More details can be found in the appendix.

However, this document remains available for review in the plant.

This certificate will remain in force for one year and will be renewed for a one-year period, unless terminated by written notice by DELFINGEN INDUSTRY.

Anteuil, on 2023, January 11<sup>th</sup>.

Yann BATIQUE  
PS Laboratories Director



Clément DAUTEL  
Group QSE director



# LAB SCOPE

*For PPAP purpose*

**UPDATED : January 2023**

UNIVERS / UNIVERSE	TEST	EQUIPMENTS	FAMILY OF EQUIPMENT
<b>ENVIRONMENTAL</b>	Thermal Test	Oven	AGING
	Cold Test	Cold chamber	AGING
	Hot/Cold Cycling	Climatic chamber	AGING
	Capillarity	Weigh scale	MEASURE
<b>INITIAL CHARACTERISTICS</b>	Density	Densimeter	MEASURE
	Yarn count	Magnifier	MEASURE
	Picks per inch (density)	Magnifier	MEASURE
	Dimensions (Metrology)	Caliper	MEASURE
<b>CHEMICAL</b>	Fluid Resistance Test	Oven	AGING
	DSC / FTIR	Specific equipment	MEASURE
<b>MECHANICAL</b>	Tensile & Compression / Elongation Test	Traction Tester / Oven	PERFORMANCE
	Creep Test/Snap Test	Creep / Snap Tester	PERFORMANCE
	Memory Retention Test	Memory Retention Tester	PERFORMANCE
	Flexibility Test	Flexibility Tester	PERFORMANCE
	Bending Resistance	Mandrel / Oven	MEASURE
	Resistance to Crushing	Crush Tester	PERFORMANCE
	Impact Resistance Test	Impact Tester / Guillotine Impact Tester	PERFORMANCE
	Compression Load Resistance Test	Oven / Weight	AGING
	Sandpaper Abrasion Test	Abrasion Machine	PERFORMANCE
	Abrasion Resistance Test	Abrasion Machine	PERFORMANCE
	Taber Abrasion Resistance Test	Abrasion Machine	PERFORMANCE
	Sliding Load Resistance	Abrasion Machine	PERFORMANCE
	Dynamic Shearing	Oven	AGING
	Fatigue Test	Abrasion Machine	PERFORMANCE
	Hardness Test	Durometer Hardness Tester	PERFORMANCE
	Peeling off test at 90°	Traction tester	PERFORMANCE
	Peeling off test at 180°	Traction tester	PERFORMANCE
	Sticking strength	Traction tester	PERFORMANCE
	Surface resistivity	Specific equipment	PERFORMANCE
	Piercing Test	Abrasion Machine	PERFORMANCE
<b>FLAMMABILITY</b>	Flammability Test	Combustion Chamber	PERFORMANCE
	Fire Resistance II	Oxygen Index Tester	PERFORMANCE
<b>ELECTRICAL</b>	Withstand voltage	Ball Box	PERFORMANCE
		Di-electrical box	PERFORMANCE

**DELFINGEN Industry**

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