

**DESCRIPTION C Face Fleece X Tefim - P2 /230**

	Item		Normative / Test method	Units	Specification	Tolerances	Comments	
General Characteristics (*)	1	Area weight (measured along the length of a reel)	Complex	EDANA 40.3/90	g/m2	64	±10%	
			Fleece			30		
			Film			27		
	2	Punctual weight (measured along the width of a reel)	Complex	EDANA 40.3/90	g/m2		±15%	
	3	Thickness	Complex	ISO 5084 / EDANA 30.5/99	micron	350	±20	
	4	Tensile Strength @break	MD	EDANA 20.2/89	N/50mm	>80	NA	
			CD	EDANA 20.2/89	N/50mm	>25	NA	
		Elongation @ break	MD	EDANA 20.2/89	%	>9	NA	
CD			EDANA 20.2/89	%	>30	NA		
5	Adhesión Film-fleece		TR31834615-002 CHAPTER 2,17 VCS 1024,28439	N/50mm	>1	NA	No delams allowed in deep areas of final part	
6	Manufacturing technology	Fleece	NA	NA	Chemical bonded	NA		
		Film	NA	NA	Extruded			
7	Composition	Fleece	ASTM D276	NA	50% PES 50% Viscose	NA		
		Film			PO		Must to be able to work without Liquid release agent.	
8	Flammability	Complex	Internal GA test. Method based on TL1010	mm/min	< 1200	NA	Only valid as reference, as TL1010 clearly specifies that fleece must be tested as an assembly (HDL)	
Specific Characteristics	9	Odor (*)	Complex	VDA 270	NA	<3	NA	
	10	VOC's (*)	Complex	VDA 277+MS GA Internal method.	ppm	<40	NA	To be run by supplier in GA lab. (^)
	11	Carbonyls (*), (**)	Complex	HPLC, GA internal method	mg/g	<10	NA	To be run by supplier in GA lab. (^)
	12	Fogging (*)	Complex	Gravimetric DIN 75201	mg	<0,5	NA	
	13	Width	Complex	DIN EN 5025	cm	see table	±1	
	14	Color	Complex	NA	NA	White	NA	

(\*) For materials having the same construction (same product) but different dimension/width, test marked with an (\*) can be subrogated to other tests performed to the same

(\*\*) All individual carbonyls must be below 5 mg/g

(^) Tests to be run in GA: Contact [labsvalidation.ga@grupoantolin.com](mailto:labsvalidation.ga@grupoantolin.com) for quotation

General Information	Self life	8 months from manufacturing date stored in dry place, far from heat, from sunlight and in place with a temperature between +5°C and
	General notes	Easy unwinding ( Maximum unloading speed 100m/min ) and easy cutting on standard GA cutting desks
		Ease of handling. Not lost fibers during handling, no excessive curling of the material after cutting
		No fuzz after cutting the final part on WJ or Die-cuts defined by GA
		Silicone and Silicone oil free. It is strictly forbidden to use liquid releasing agent in our production, therefore, the product must improve
		Compliance of Directive 2000/53/EC and Regulation EC 1907/2006 REACH (SVHC - Annex XIV included) and updates effective in every
	VOC's: Material must comply with Appendix B "List of controlled substances"	
Logistic	Each roll must be labelled showing: Type of Non woven, Area weight, Width, Color, Real Length, Production date, Reel weight, Batch Packaging conditions apply	