Appendix 1

Telavalue data model

New Info Group	Class ID	Data Field Name	Examples	Data Format	Definition	Usecase: Reuse	Usecase: Sorter
1. Brand information	100.00	**Brand**	*Kappahl*	Open text (brief)	The primary brand of the product, and typically the brand on the label.	x	x
Brand information	101.00	**Logo**	*Logo visual*	Image (png, jpeg)	Brand logo	x	x
Brand information	102.00	**Sub Brando**	*Marimekko Kioski*	Open text (brief)	Brands may have sub-brands under which products are sold. often with different garment labels and/or sold within specialty collections or campaigns.	x	
Brand information	103.00	**Trader**	Zalando		Name of the company putting the product on the market. This can be the brand or another company.	x	
2. Supply chain information	200.00	**Supplier Name**	*COTTON DIVISION*	Open text (brief)	The name of the company operating the specific manufacturing facility where production took place.	x	
Supply chain information	201.00	**Supplier Location**	*100 AVENUE DU GENERAL LECLERC - France*	Text (fixed format)	The physical address of the manufacturing facility where production took place.	x	
Supply chain information	202.00	**Facility Registry**	*GLN OSH*	Text (fixed format)	Physical location where the activity took place The <u>name</u> of the registry used to identify the specific value chain facility where production took place (e.g. OSH, GLN, etc) May be the same as Operator Registry	x	
Supply chain information	202.10	**Facility Identifier**	*FR202206770RY8G*	Text (fixed format)	The <u>number</u> in the registry used to identify the specific manufacturing facility where production took place (e.g. OSH,GLN, etc) May be the same as Operator Identifier	x	
Supply chain information	203.00	**Operator Registry**	*GLN*		Who is responsible for the facility where the activities happened. There may also be a parent company. but not necessarily. The <u>name</u> of the registry used to identify the operator involved in specific value chain steps (e.g. OSH. GLN. etc) May be the same as Facility Registry		
Supply chain information	203.10	**Operator Identifier**	*4066837000008*		The <u>number</u> in the registry used to identify the operator involved in specific value chain steps (e.g. OSH. GLN. etc) May be the same as Facility Identifier		

Category	Number	Field	Example	Type	Description		
Supply chain information	204.00	**Country of Origin - Dyeing and Printing**	*China Portugal Taiwan Vietnam*	Text (from standard list)	The country in which the final product was manufactured	x	
Supply chain information	205.00	**Country of Origin - Weaving and Knitting**	*China Portugal Taiwan Vietnam*	Text (from standard list)	The country in which the final product was manufactured	x	
3. Product information	300.00	**Product Identification Systems**	*GTIN*	Text (fixed format)	The Product ID system a brand uses to uniquely identify a product that will be digitized. Today. companies use different systems for identifying their products. such as GTIN, SKU, or Style Numbers.	x	
Product information	300.20	**Unique Product ID**	*Serialized GTIN (See GS1 guidance for specifics)*	Text (fixed format)	The unique identification number assigned to individual products. With this a single item can be differentiated from others under the same SKU,style number, GTIN. etc.	x	
Product information	301.00	**Product Name**	*Eloisasti Koukero*	Open text (brief)	A unique short name that is given to each product by the brand	x	
Product information	302.00	**Consumer-Facing Description**	*The Eloisasti knitted wool vest has a relaxed. straight fit and it features the Koukero pattern. The vest has a double-ribbed O-neck and dropped sleeve openings. The hemline has wide ribbing and side slits.*	Open text (multi-line)	The brief consumer-facing description of the product. which lists essential properties and is often used as the primary description for e-commerce	x	
Product information	303.00	**Photo**	*Photo of item*	image	Product images	x (current condition)	
Product information	304.00	**Year of Intended Sale (New)**	*2022*	Number (fixed format)	The year in which the product will be (was) originally marketed and sold	x	x
Product information	305.00	**Price Currency**	*USD EUR GBP*	Text (fixed format)	Standard currency code for price information	x	x
Product information	305.10	**MSRP**	*265.55*	Number (fixed format)	The Manufacturer Suggested Retail Price (MSRP) which is the intended full price of the product as established by the brand	x	x
Product information	305.20	**Resale Price**	*185.15*	Number (fixed format)	The price of the item when sold for reuse	x	
Product information	306.00	**Size**	*38 ---- M*	Open text (brief)	The size of the garment as listed on the garment label	x	x
Product information	306.10	**Country Code for Size**	*EU USA FR International*	Text (from standard list)	The country code that corresponds to the sizing systems used for the product	x	x

Product information	307.00	**Color (Brand)**	Canary Deep ocean Fire red Rosie	Open text (brief)	The main colour represented on the garment as described by the brand	x	x
Product information	308.00	**Color (General)**	black grey multicoloured navy red uncoloured white	Text (from standard list)	The main colour of the product. as defined in the standard's values	x	x
Product information	309.00	**Category**	clothing accessories footwear other	Text (from standard list)	High level description of product category to differentiate between clothing, footwear, etc	x	x
Product information	310.10	**Product Group**	Top Bottom	Text (from standard list)	Product category name. This should be included if the company uses the Higg Index for Product Categorization.		
Product information	311.00	**Type - Line Concept**	Active Wear Maternity Protective Wear Sleep Wear	Text (from standard list)	Higher level product description to group apparel by use. often used in e-commerce and mixed in with names of specific item types. Equivalent to GS1 Product Family for Product Categorization.		
Product information	312.00	**Type - Item**	Jacket Pants Blouse Sweater	Text (from standard list)	The specific type of apparel item that describes the product.	x	x
Product information	313.00	**Age Group**	18-24 months	CONFIRM	Age group that the product is intended for		
Product information	314.00	**Gender**	Unisex	Text (from standard list)	Gender that the product is intended for	x	x
Product information	315.00	**Market Segment**	mass-market mid-price premium luxury	Text (from standard list)	Market segment of the product		
Product information	316.00	**Water Properties**	No Water properties Waterproof Water Repellent Water Resistant	Text (from standard list)	Water properties on the finished product.		x

4. Material information	400.00	**Component**	*Body fabric. trim. lining fabric. etc*	Text (from standard list)	Part of the product that is being described with info about material type, fibre composition, recycled content, etc.	x	
Material information	400.10	**Material**	*Textile Leather Rubber*	Text (from standard list)	The type of material a component is made from; this selection dictates further materials description needs, such as fibre composition, leather grade, etc.	x	x
Material information	400.20	**Content Name**	*Cotton Polyester*	Text (from standard list)	For textile products. this describes the type of fibre used for a specific component.	x	x
Material information	400.21	**Content Value**	*100% 50% 5%*	Number (fixed format)	For textile products. this is the percentage of the fibre used for a specific component.	x	x
Material information	400.30	**Content Name Other**	*Opossum*	Open text (brief)	Used if the content is not available in the pre-defined Content Name list and "other" was selected	x	x
Material information	400.40	**Trim Type**	*Zipper. button*	Text (from standard list)	Used when a component is market as a trim. this is a description of the type of trim that is used.		x
Material information	401.00	**Recycled**	*Yes / No*	Checkbox	Selected if the material composition has a certain percentage of recycled input.	x	x
Material information	351.10	**Recycled Percentage**	*Product comprising at least [%] of recycled materials*			x	x
Material information	401.20	**Recycled Input Source**	*Recycled: checked Recycled Input Source: Post-consumer packaging*	Text (from standard list)	If there is recycled content. the source of the input needs to be selected	x	
Material information	402.00	**Leather Species**	*Bovine Fish Goat Pig Sheep*	Text (from standard list)	Only available for leather Species of animal	x	
Material information	402.10	**Leather Grade**	*Bonded Corrected Grain Full Grain Fur/Hair Split-grain*	Text (from standard list)	Only available for leather Leather grade		
Material information	402.10	**Leather Species Other**	*Badger Reindeer*	Open text (brief)	Only available for leather Used if the species is not available in the pre-defined Content Name list and "other" was selected	x	
Material information	402.20	**Leather Pattern**	*No pattern Embossing Embroidery Laser engraving Perforation Printing*	Text (from standard list)	Only available for leather Type of pattern. texture or decorative surface treatment		

Material information	402.30	**Leather Thickness**	*3*	Number (fixed format)	Only available for leather alternatives

Thickness in mm | | |
| Material information | 402.40 | **Leather Max** | *3* | Number (fixed format) | Only available for leather

Maximum thickness in mm | | |
| Material information | 402.50 | **Leather Min** | *1.5* | Number (fixed format) | Only available for leather

Minimum thickness in mm | | |
Material information	403.00	**Sewing Thread Content**	*Polyester*	Text (from standard list)	The fibre composition of sewing yarns used		
Material information	404.00	**Print Ink Type**	*Soy*	Text (from standard list)	The type of ink that was used. if the textile or product was printed		x
Material information	405.00	**Dye Class**	*Pigment*	Text (from standard list)	The type of dye process used		x
Material information	405.10	**Dye Class Standard**	*eBIZ / Euratex*	Text (from standard list)	The standard list used to select the type of dye process used		x
Material information	406.00	**Finishes**	*Anti-microbial*	Text (from standard list)	The finishes applied to the product or components		x
5. Care information	500.00	**Care Image**	*Care icons image*	Image (format?)	Image of care icons	x	
Care information	501.00	**Care Text**	*Machine wash cold. lay flat to dry*	Open text (multi-line)	Written description on how to take care of the product. e.g - wash carefully in cold water. air dry. etc	x	
6. Compliance information	600.00	**Harmful Substances**	Yes / No	Open text (brief)	The presence of harmful substances must be disclosed with the mention "contains a harmful substance" if said substance is present at a concentration higher than 0.1% (in weight) in the product. The statement is followed by the name of all the harmful substances present in the product. French Decree No. 2022-748; Art. R. 541-221.IX		
Compliance information	600.10	**Harmful Substances Info**	Name of harmful substance	Open text (brief)	French Decree No. 2022-748; Art. R. 541-221.IX	x	x
Compliance information	601.00	**Certifications**	*Fair Trade GOTS GRS RCS RWS*	Text (from standard list)	Certifications or marks of compliance that the product has received. including both product and material certifications.	x	x
Compliance information	601.10	**Certifications Validation**	*Evidence provided for above claim*	TBC	TBC - What is legally required in EU?	x	

Compliance information	602.00	**Chemical Compliance (Standard)**	*AFFIRM C2C REACH ZDHC*	Text (from standard list)	The list of product level chemical compliance certifications or regulations with which the product complies.	x	x
Compliance information	602.10	**Chemical Compliance Validation**	*Evidence provided for above claim*	TBC	TBC - What is legally required in EU?	x	x
Compliance information	603.00	**Microfibers**	Yes / No	Open text (brief)	Information regarding microplastic fibres shall appear with the following mention "the product rejects plastic microfibers in the environment during washing" if the product contains more than 50% of synthetic fibres by weight.	x	
7 Circularity information	700.00	**Performance**	TBC			(x)	
Circularity information	701.00	**Recyclability**	TBC	Open text (brief)	When product is identified as "most recyclable product". recyclability information must be disclosed. - Specific guidelines are available in French Decree No. 2022-748; Art. R. 541-221.VI.	(x)	x
Circularity information	702.00	**Take Back Instructions**	TBC			(x)	
Circularity information	703.00	**Recycling Instructions**	TBC	Open text (multi-line)		(x)	x
Circularity information	704.00	**Disassembly Instructions Sorters**	TBC	Open text (multi-line)	Description on how to take components apart at sorting/recycling stage if needed.	(x)	x
Circularity information	705.00	**Disassembly Instructions User**	TBC	Open text (multi-line)	Description on how to take components apart for users.	(x)	
Circularity information	707.00	**Repair Instructions**	TBC	Open text (multi-line)		(x)	
Circularity information	708.00	**Quality**				x	(x)
8. Maintenance Book	800.00					x	x
Maintenance book	801.0	**LifeSpan**			Estimated (remaining) life span	x	x
Maintenance Book	802.0	**Modifications**		List of values	Activities for modifications	x	(x)

Maintenance Book	802.1	**Modifications description**		Open data field	Modification description	x	(x)
Maintenance Book	803.00	**Repairs**			Activities for repair	x	
Maintenance Book	803.10	**Repair description**			Repair description	x	
Maintenance Book	803.20	**Repair history**			List of repairs	x	
Maintenance Book	804.00	**Company**			Activities carried out on the item / materials. especially in the repair [or preparing for recycling] step	x	
Maintenance Book	804.10	**Company activity**				x	
9. Digital identifier	900.00	**Data Carrier/Identifier Type**	*RFID thread. NFC chip. QR code. etc.*	Text (from standard list)	The type of physical data carrier attached to the product		
Digital identifier	900.10	**Data Carrier/Identifier Material**	*Polyester*	Text (from standard list)	The type of material the data carrier is made from. Multiple materials may be needed.		
Digital identifier	900.20	**Data Carrier/Identifier Location**	*Back neck. right sleeve cuff*	Text (from standard list)	The location on the garment on which the physical identifier may be found.		