circularity.ID	v3				
Level	**Schema Name/ attribute in database**	**Data point description**	**Type**	**Options**	**Requirements**
Unit	**sgtin**	Serialized Global Trade Item Number (allows you to individually identify different units of the same product)	unique String		Optional
PRODUCT					
Product	**name**	Product Name (as defined by the brand, e.g "Slim Summer Shirt".	Text		Mandatory
Product	**company**	Not used now, preparation for giving product an owner	Text		Mandatory
Product	**variation**				
Variation	**name**	Variation name of product (e.g. "black")	Text		Mandatory
Variation	**product_name**	name on product sites to be displayed (e.g "Slim Summer Shirt - black".)	Text		Mandatory
Variation	**description**	Consumer-facing description of product as written by the brand	Text		Mandatory
Variation	**sku**	Stock Keeping Unit or Article Number	Text, min length 2		Optional
Variation	**gtin**	Global Trade Item Number is an identifier for trade items	Number int		Optional
Variation	**purchase_order_number**	Purchase Order Number. A PO Number uniquely identifies a purchase order and is generally defined by the buyer.	Text		Optional
Variation	**season**	The season in which the product belongs to; spring/summer, autumn/winter.	Text		Optional
Variation	**year**	The year in which the product is originally intended to be sold	Number int		Mandatory
Variation	**brand**	The fashion brand, like H&M, Hugo Boss etc	Text		Mandatory

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Level	**Schema Name/ attribute in database**	**Data point description**	**Type**	**Options**	**Requirements**
Variation	**brand_description**	Description of the brand written by the brand	Text		Optional
Variation	**parent_company**	A company owning several brands, like H&M group, Inditex, Kering etc.	Text		Optional
Variation	**logo**	Brand logo	Image		Optional
Variation	**brand_image**	Image of brand (in addition to logo)	Image		Optional
Variation	**market_segment**	Market segment of the product	Select	mass-market mid-price premium luxury	Optional
Variation	**product_category**	Category of product; e.g apparel, footwear, accessories	Select	clothing accessories footwear other	Mandatory
Variation	**product_type**	Type of product; e.g trousers, shirt, dress etc (options to be found in old schema)	Select	Options	Mandatory
Variation	**product_image**	images of the product	Image		Mandatory, one or more
Variation	**weight**	Weight of the total product	Number float		Optional
Variation	**weight_unit**	Unit of measurement; kg, pounds	Select	g kg oz lb	Optional
Variation	**colourway**	Colour of product as named by the brand (e.g. Midnight blue)	Text		Optional
Variation	**colours**	Colour group the product belongs to	MultiSelect	Options	Mandatory
Variation	**size**	Size of product	Text		Mandatory

circularity.ID	v3				
Level	**Schema Name/ attribute in database**	**Data point description**	**Type**	**Options**	**Requirements**
Variation	**size_metric**	Which size metric is applied; EU, US etc	Select	EU FR IT UK International	Mandatory
Variation	**price**	Price of product	Number float		Optional
Variation	**price_currency**	Which currency is used	Select	USD EUR GBP	Optional
Variation	**certification**				zero or more
Variation certification	**certification_type**	Certifications on garment-level (not material level)	Select	Options	Optional
Variation certification	**certification_file**		File		Optional
Variation	**water_properties**	Water properties on the finished product.	Select	No Water Properties Waterproof Water Repellent Water Resistant	Optional
Variation	**disassembly_instructions_sorters**	Description on how to take components apart at sorting/recycling stage if needed.	Text		Optional
Variation	**disassembly_instructions_user**	Description on how to take components apart for users.	Text		Optional
Variation	**circular_design_strategy**	Applied circular design strategy	MultiSelect	Options	Optional, zero or more
Variation	**strategy_description**	Description of the circular design strategy used written by the brand	Text		Optional
Variation	**service**	Present which service the brand offers to prolong the life of the product (repair, resell, rental, redesign, take-back system - list of choices in old schema)			Optional, zero or more

circularity.ID	v3				
Level	**Schema Name/ attribute in database**	**Data point description**	**Type**	**Options**	**Requirements**
Variation service	**name**		Text		Optional
Variation service	**service_type**		Select	Options	Mandatory, defaults to "Other"
Variation service	**description**	Description of service written by the brand	Text		Optional
Variation	**care_guide**	Description on how to take care of the product, e.g 'wash carefully in cold water, air to dry etc'	Text		Optional
Variation	**care_image**	Image of care icons	Image		Optional, zero or more
Variation	**sustainability_statement**	Sustainability statement by the brand written by the brand	Text		Optional
Variation	**sustainability_guide_image**	Sustainability image by the brand	Image		Optional
		Made in...	Select		Mandatory
Variation	**production_description**	Description of production of the garment written by the brand "e.g produced with love in Berlin"	Text		Optional
Variation	**production_image**	Add an image of the production	Image		Optional
Variation	**product_steps**				zero or more
Variation product_steps	**step_type**	The production step type	Select	Options	
Variation product_steps	**country**	country of each step	Select		Mandatory
Variation product_steps	**company_name**		Text		Optional
Variation product_steps	**street**		Text		Optional
Variation product_steps	**postal**		Text		Optional
Variation product_steps	**city**		Text		Optional

Level	Schema Name/ attribute in database	Data point description	Type	Options	Requirements
circularity.ID	v3				
Variation product_steps	**oar**		Text		Optional
	gln		Text		Optional
Variation product_steps	**dyeing_process**	The dyeing process If step_type is dyeing	Text		Mandatory
Variation product_steps	**dye_stuff**	If step_type is dyeing	Text		Mandatory
Variation product_steps	**printing_process**	The printing method used for the material. If step_type is printing	Text		Mandatory
Variation product_steps	**print_stuff**	The print stuff required for the printing method. If step_type is printing	Text		Mandatory
Variation product_steps	**product_finishing**	If step_type is finishing	Select	Options	Mandatory
Variation	**assembly**				Mandatory, one or more
ASSEMBLY					
Assembly	**name**		Text		Mandatory
Assembly	**material**				Mandatory, one or more
MATERIAL (the material attributes align to _Material Attributes [1.0.10])					
Material	**name**	Name of material	Text		Mandatory
Material	**article_number**	Article number of material	Text		Optional
Material	**description**	Description of material by supplier	Text		Optional
Material	**components**				Mandatory, one or more
Material components	**component_name**	we use this when the content is set to "other"	Text		Optional (mandatory when content is "other")
Material components	**content**	The name of the fibres used in the material (e.g. Cotton, Silk…)	Select	Options	Mandatory

circularity.ID	v3				
Level	**Schema Name/ attribute in database**	**Data point description**	**Type**	**Options**	**Requirements**
Material components	**percentage**	The percentage of each component present in the material.	Number float		Mandatory
Material components	**source_raw_material**	The source of the raw material used in the composition of the material (e.g. Eucalyptus (origin) → Tencel (fibre))	Text		Optional
Material components	**part**	If the fibre component is specific to a part of the material (e.g. adhesive).	Text		Optional
Material components	**is_recycled**	To be selected if the material composition has a certain percentage of recycled input.	Checkbox		Mandatory default false
Material components	**source_recycled_input**	If there is a recycled component, the source of the input needs to be selected (e.g. rPET from Post-Consumer PET).	Text		Optional
Material components	**steps**				Optional, zero or more
Material components steps	**step_type**	Origin of raw material			Mandatory / auto-filled
Material components steps	**country**	country of origin of raw material	Text		Mandatory
Material components steps	**company_name**		Text		Optional
Material components steps	**street**		Text		Optional
Material components steps	**postal**		Text		Optional

circularity.ID	v3				
Level	**Schema Name/ attribute in database**	**Data point description**	**Type**	**Options**	**Requirements**
Material components steps	**city**		Text		Optional
Material components steps	**oar**		Text		Optional
Material	**colours**	The colour group of the material.	Select	Options	One or more
Material	**pattern_type**	The type of pattern.	Select	Options	Optional
Material	**thumbnail**	The thumbnail image of the material.	Image		Optional
Material	**weight**	Weight in g/m² of material. Only if Trim, Fabric or Leather Alternative	Number float		Optional
Material	**consumption**		Number float		Optional
Material	**consumption_unit**		Select	sqm m sqft piece pack kg	Optional
Material	**staple_fibre_length**	only for fabrics and yarns	Number float		Optional
Material	**technical_data_sheet**		File		Optional
Material	**category**	Type of material (fabric, yarn, trim …)	Select (auto-filled)	trim yarn fabric leather alternative_leather	Mandatory
Material	**material_type**	Specific type of a material depending on the chosen category of a material	Select	Options	Optional

circularity.ID	v3				
Level	**Schema Name/ attribute in database**	**Data point description**	**Type**	**Options**	**Requirements**
Material	**grade**	Leather grade only available for leather	Select	Bonded Corrected Grain Full Grain Fur/Hair Split-Grain Top Grain	Optional
Material	**species**	only available for leather	Select	Bovine Fish Goat Pig Sheet	Optional
Material	**species_other**	only available for leather	Text		Optional
Material	**pattern_application**	only available for leather	Select	half whole	Optional
Material	**thickness**	Thickness in mm only available for leather alternative	Number float		Optional
Material	**thickness_max**	Maximum thickness in mm. only available for leathers	Number float		Optional
Material	**thickness_min**	Minimum thickness in mm. only available for leathers	Number float		Optional
Material	**steps**				zero or more
Material steps	**step_type**	Step type	Select	Production Spinning Tanning Pre-Tanning Dyeing Finishing Printing	Mandatory
Material steps	**country**		Select	*[ISO country list]*	Mandatory
Material steps	**company_name**		Text		Optional
Material steps	**street**		Text		Optional

circularity.ID	v3				
Level	Schema Name/ attribute in database	Data point description	Type	Options	Requirements
Material steps	**postal**		Text		Optional
Material steps	**city**		Text		Optional
Material steps	**oar**		Text		Optional
Material steps	**dyeing_process**	The dyeing process	Select	Undyed Direct Dyed Top Dyed Yarn Dyed Dope Dyed Piece Dyed	Mandatory
Material steps	**dye_stuff**		Select	Options	Mandatory
Material steps	**printing_process**	The printing method used for the material.	Select	Options	Mandatory
Material steps	**print_stuff**	The print stuff required for the printing method.	Text		Mandatory
Material steps	**material_finishing**	The finishing type for material.	Select	Options	Mandatory, zero or more
Material steps	**other_ material_finishing**	The finishing type for material if none if the options fit.	Text		Mandatory if material_ finishing not set
Material steps	**tannage**		Select	Chromium Synthetic Vegetable	Optional
Material steps	**pre_tannage**		Select	Chromium Synthetic Vegetable	Optional
Material	**water_properties**	Different options of water properties for the material.	Select	No Water Properties Waterproof Water Repellent Water Resistant	Optional

circularity.ID	v3				
Level	**Schema Name/ attribute in database**	**Data point description**	**Type**	**Options**	**Requirements**
Material	**social_environmental_ certification**				Optional, zero or more
Material social_environmental_ce	**certification**		Select		Optional
Material social_environmental_ce	**social_environmental _certification_file**		File		Optional
Material	**material_safety_data_sheet**				Optional, zero or more
Material material_safety_data_sh	**certification**		Select		Optional
Material material_safety_data_sh	**material_safety_ data_sheet_file**		File		Optional
Material	**biodegradability_ certification**				Optional, zero or more
Material biodegradability_certifica	**certification**	Biodegradability certificate	Select		Optional
Material biodegradability_certifica	**biodegradability_ certification_file**		File		Optional
Material	**chemical_ compliance**				zero or more
Material chemical_compliance	**chemical_compliance**	Chemical contents are in accordance to chemical banned lists of a certain standard.	Select		Optional
Material chemical_compliance	**other_chemical_ compliance**		Text		Optional