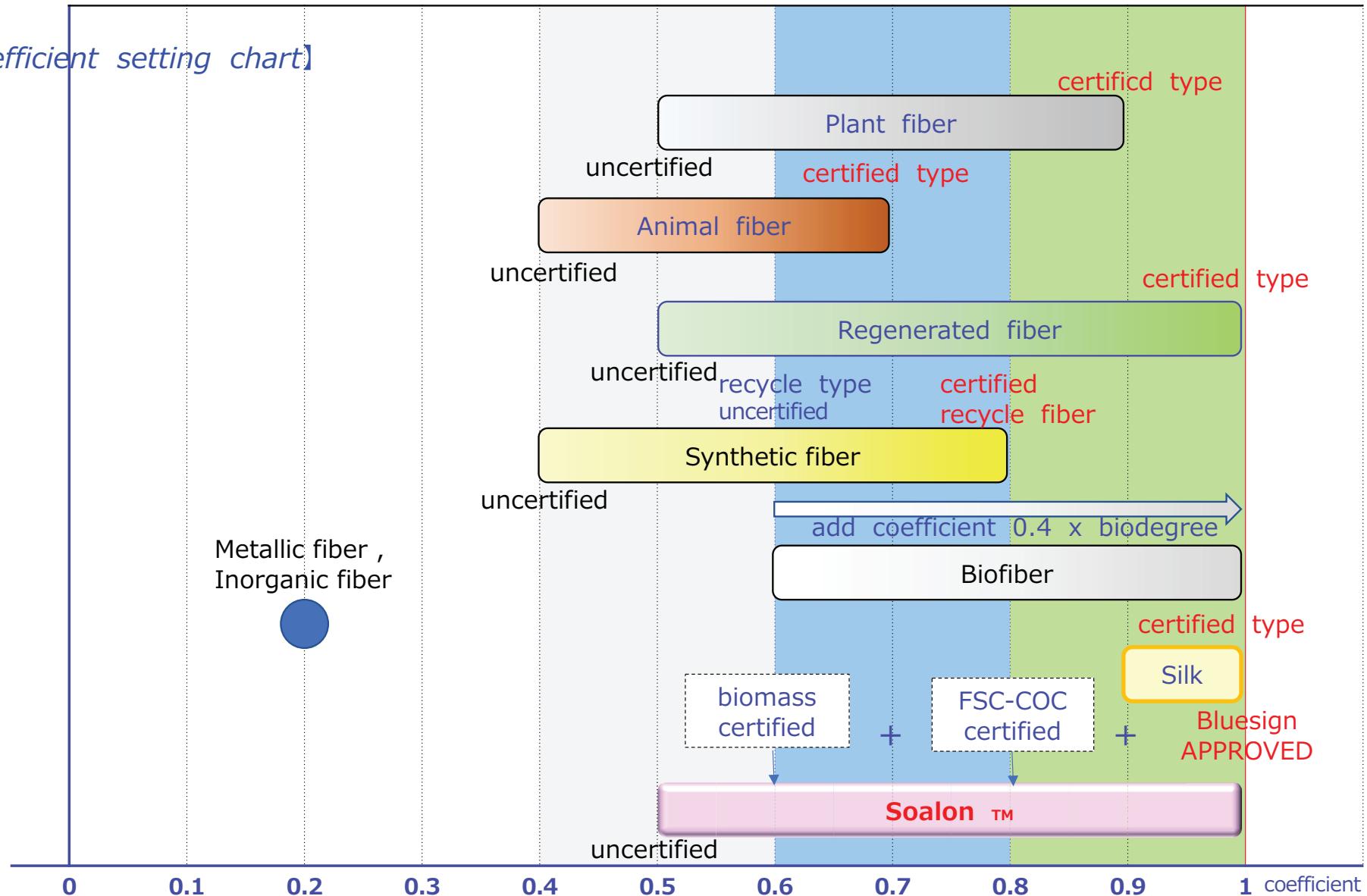


Phase	Allotment	Sec.	Evaluation and scoring calculation	Speciation	Coefficient	Evaluation Comment	Sustainable points (reasons)
Design (50)	25	Triacetate (Soalon)	25p X composition ratio(%) X 1		1	Making triacetate( <b>Cellulosic certification yarn</b> ) a criterion of coefficient ,as a sustainable fiber	Reference: coefficient at the past evaluation (uncertified 0.5 → Biomass Certified 0.6 → FSC-COC 0.8→Bluesign Approved 1)
		Mixed yarn	25p X coefficient X composition ratio(%)	Plant fiber (cotton and linen etc.)	0.5	Inferior water resource efficiency in water risk areas	Each coefficient is set considering the degree of environmental burden, the content and extent of risk collateral with the certification system. (compared it and balanced with triacetate ,such as environment- friendly certified fibers, natural fibers, regenerated fibers, etc.). cf Annex fig-1
				Ditto, certified type	0.9		Conjugated fibers are judged according to composition.
				Animal fiber (animal hair)	0.4	GHG impacts and risk of the food crisis by livestock	
				Ditto, certified type	0.7		
				Silk, etc.	0.9		
				Ditto, certified type	1		
				Regenerated fiber	0.5	Chemical substances in manufacturing	
				Ditto, certified type	1		
				Synthetic fiber	0.4		
Weaving Knitting (15)	17	Content of constituent yar	17p X coefficient by twisting type X coefficient of Twist constant ÷ number of yarn types ※ Multiple yarn type: calculate individually each yarn and sum up later Textile: wp 10 points wf 7 points (reference) ※ The actual allocation of points is based on the actual design. Distribute 20 points by wp/wf weight ratio. Knitting: 17 points	Ditto, Recycled yarn	0.6		
				Ditto, Certified recycled yarn	0.8	There is a conformity rule regarding recycling composition ratio, etc	
				Bio-derived synthetic fiber	0.6+ (0.4x bio-degree%)	100% bio becomes coefficient 1.	
				Metallic fiber , inorganic fiber	0.2	In terms of CO2 emissions, it is dominant, but *a	
Dyeing Finishing (30)	10	Input lot	With or without sizing	With 0p	Without (and knitted) 4p		Process · glue · energy (for sizingmachine/beam delivery etc)
				1B	0p		
				2B	-2p		
				3B or more (knitted) Tricot (knitted) Circular	-5p		
				Within 0-5%	1		
				5 ↑ to less than 10%	0.6		
				10% or more	0		
Other (5)	5	Loom beam	Number of warper's beams addition and subtraction points	90/inch or less	1	Knitt) ~26G	
				more than 90/inch ~ less than 110/inch	0.6	28G	
				110/inch or more	0	32G~	
				~ Less than 1.2	1		
				1.2~ Less than 1.5	0.6		
				1.5~	0		
Weaving Knitting (15)	10	Weaving loss Knitting loss	※ Loss factor : all losses with design value 3p X coefficient	Coefficient values for each classification			
				piece/B	<12 kg/piece	12≤ α ≤ 23 kg/piece	Water resource efficiency perspective (converted to the number of dyeing batches due to poor visibility and difficulty for customers using bath ratio values)
				12≤	1.0	1.0	
				10	0.0	1.0	
				6~8	-0.5	0.0	
				≤4	-1.0	-0.5	
Dyeing Finishing (30)	10	Number of wet processes	10p X coefficient	Once (HE-dyed)	1		
				2 times (HE-RX-dyed)	0		Evaluate the amount of processes by the number of times using dyeing pot.
				3 times (HE-RX-dyeing-AF)	-0.4		
Other (5)	5	Processing technique	Water-free dyeing Disperse (cationic) dyeing Double bath dyeing One bath two-stage Special post-processes , incidental processes (Per 1 incidental processing)	Add points	+5p		Water Resource Efficiency Perspective
				Standard	0p		Evaluated with the certification.
				Deduct points	-5p		* The standard is set to ± 0 by considering the addition point in the certification.
				Deduct points	-5p		Increase in dyestuffs and auxiliaries and deterioration in water efficiency
				Deduct points	-2p		Evaluation of additional chemical agents.
				Add points	+5p		Wrinkling as AF. LRM, SNR, etc. are excluded (evaluated by the number of steps in the dyeing pot).
				Add points	+5p		Point addition item (Including sakai ovex-inclusive certification by oeko-tex)
				Add points	+5p		
Other (5)	5	Evaluation of the additive elements that do not fit into the above-mentioned endpoints but should be taken into account.		Add points	0 ⇔ +5p		

fig-1:【coefficient setting chart】



*fig-2:【Evaluation weight】*

