



# IKW/AISE

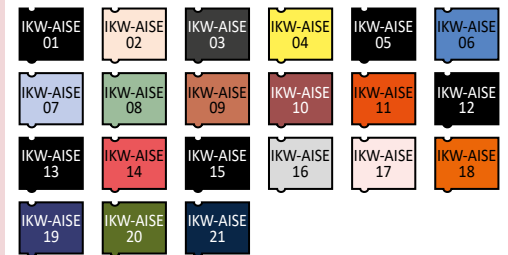
## Dye set

### IKW/AISE Dye set

Because the AISE 40 Dye Set and AISE 14 Dye Sub Set were no longer representative for the current market, a new dye set needed to be developed.

The IKW took the lead in this project, under the flag of their new Laundry Protocol: Recommendations for the Quality Assessment of Household Laundry Detergents (Part A published May 07 2025 in SOFW Journal). The AISE will join the outcome of this IKW Dye Set. Hence the birth of the IKW/AISE Dye Set.

In creating the new selection, many data was collected from the market. Data on the fabrics that are often used in the garment industry, including weights/m2 and structures. And also data on which types of dye that are currently often used in the industry and in which colors. All this data combined led to the selection of these 21 different fabrics, which form a representative image of the current typical fabrics in consumer households.



Code	Fabric Type	Fabric %	Width	g/m2	Structure	Color	Dye Type	Garment Type
IKW/AISE 01	Cotton	100	155	420	Woven	Black	Sulphur	Denim E-279
IKW/AISE 02	Cotton	100	145	155	Woven	Beige (Sand)	Reactive	Bed Linnen
IKW/AISE 03	Cotton	100	145	155	Woven	Grey	Reactive	Bed Linnen
IKW/AISE 04	Cotton	100	145	180	Knitted	Yellow (Cyber)	Reactive	T-shirt
IKW/AISE 05	Cotton	100	145	180	Knitted	Black (Pirate)	Reactive	T-shirt
IKW/AISE 06	Cotton/Polyester	50/50	145	172	Knitted	Marine Blue	Reactive	T-shirt
IKW/AISE 07	Polyester/Cotton	65/35	90	180	Woven	Blue	Reactive	Business Shirt
IKW/AISE 08	Polyester/Viscose	90/10	135	95	Woven	Green (Medium)	Reactive	Womens Blouse
IKW/AISE 09	Cotton/Nylon/Lycra	84/10/6	145	410	Knitted	Brown	Reactive	Mailliot
IKW/AISE 10	Cotton	100	145	180	Knitted	Red (Rumba)	Reactive	T-shirt
IKW/AISE 11	Cotton/Lycra	92/8	150	200	Knitted	Red (Flame Scarlet)	Reactive	Trousers
IKW/AISE 12	Polyester	100	100	150	Woven	Black	Disperse	Sheeting
IKW/AISE 13	Polyester	100	155	150	Knitted	Black	Disperse	Sport Shirt
IKW/AISE 14	Polyester	100	155	150	Knitted	Pink (Glow)	Disperse	Sport Shirt
IKW/AISE 15	Cotton/Poly/Lycra	48/48/4	150	320	Knitted	Black	Disperse	Socks
IKW/AISE 16	Lyocell	100	150	180	Knitted	Grey (Glacier)	Reactive	T-shirt
IKW/AISE 17	Viscose	100	95	140	Woven	Pink (Soft)	Reactive	Singlet
IKW/AISE 18	Nylon	100	110	190	Woven	Orange	Acid	Underwear
IKW/AISE 19	Nylon/Lycra	80/20	145	180	Knitted	Navy Blue	Acid	Swimwear
IKW/AISE 20	Acrylics	100	150	240	Knitted	Olive (Burned)	Cationic	Sweater
IKW/AISE 21	Cotton	100	160	310	Woven	Indigo	Indigo	Jeans (E-277)