

Strength of Strength of Dyes & Colors

The term "solidity" means resistance to the degradation of dyes of different colors as a result of the terms and conditions of use of manufactures of cotton. The color can lose its original appearance as a result of 'exposure to sunlight, due to the sweat or rub (in the case of socks, sweaters and clothing in general ...)

Categories Dyes

The categories of the more commonly used dyes and reactive Indanthren joint offering guarantees except for some special cases. The choice between the different classes of dyes is due mostly to their robustness to different types of washes. - Reactive dyes give good results up to temperatures of 60 ° C, wet and dry rubbing. - The guarantee Indanthren dyes rather appreciable strength even at temperatures up to washing and especially in the presence of chlorine, something for which the reagents are not properly specified. This assumes particular importance if the articles are specific to the use of which requires a high degree of hygiene such as towels or clothes of hospital personnel. The reactive dyes than Indanthren offer an infinite range of possibilities in imitation of the tones. - The direct dyes are rarely used. This category has a low fastness to washing, in fact, can be washed in water not exceeding 40 ° C. However, for some applications of the article offer remarkable light fastness that make them preferable to other categories, particularly in the production of fabrics for furniture (sofas, chairs, tents).

Characteristics of different categories Dyes

Indanthren	Reactive	Direct	
Feature			
- Range of colors	**	****	***
- Temperature washes			
Max 80°C	Max 60°C	Max 40°C	
- Wet Rub	**	****	*
- Dry Rub	**	****	*
- Washing with chlorine	****	*	*