



ITOSPERSE HW
Alkali Clearable Disperse Dyes

ITOSPERSE HW

Dyes On Nylon



ITOSPERSE HW dyes are a range of alkali clearable disperse dyes for Polyester and Polyester/Cellulosic blends which give superior wash fastness results for tests which include alkali at 50°C or 60°C.

Ideal for the most demanding end uses including work-wear and sportswear and for high quality retailers. These dyes are suitable for Exhaust, Continuous Pad Thermosol and many are also suitable for Printing.

ITOSPERSE HW DYEING METHOD

Recipe: x% Dye
0.5g/l ITOQUEST LJ3-12
0.5g/l ITOLUBE 30D
0.5g/l ITOSOLT LJ550
Acetic Acid to give pH 4.5
3% Anti-reducing agent

Method: Heat to 50°C.
Add chemicals, run for 5 minutes.
Add dyes, run for 10 minutes.
Check pH (4.5 - 5).
Heat at 2°C/min to 130°C.
Run for 40 to 60 minutes.
Cool at 2°C/min to 80°C.
Drop liquor and rinse.
Reduction clear as required.

FASTNESS TEST METHODS

Light Fastness	ISO 105-B02
Wash Fastness	ISO 105-C02
Sublimation Fastness	ISO 105-X11 (180°C)
Water Fastness	ISO 105-E01

SYMBOLS USED IN FASTNESS COLUMNS

C	Staining on cotton
N	Staining on nylon
W	Staining on wool
P	Staining on polyester
CS	Change of shade

Notes: Itosperse Black CBN is a reduction stable version of Itosperse Black HW

DISPERSE DYE RANGES



Range	Features
ITOSPERSE	General multi purpose disperse dyes for cost effective recipes and good general fastness properties.
ITOSPERSE AUTO	Dyes with the highest light fastness suitable for car seat and headliner fabrics.
ITOSPERSE LJCC	Compatible mid energy range of disperse dyes for medium deep shades.
ITOSPERSE ECF	Eco friendly range of disperse dyes for acetate or triacetate.
ITOSPERSE BRILLIANT	Range of fluorescent disperse dyes, suitable for fashion or when safety standards (EN471) are required.
ITOSPERSE HW	Alkali clearable disperse dyes with the highest wet fastness ideal for sportswear, workwear on polyester or polyester/cellulose blends.
ITOSPERSE RAP(L)	Rapid dye trichromat for improved level dyeing and reproducibility in pale shades.

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