



Sarex Chemicals

(A Divn. Of Saraf Chemicals Pvt. Ltd.)

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PRODUCT LITERATURE

POLYDYE-DIF

Product Information

Polydye-DIF is a levelling, dispersing agent for dyeing of polyester and its blends with disperse dyes. It has also a diffusion property thereby helps to reduce dyeing time. It improves dispersion stability of the dyes in the bath, prevents agglomeration and deposition of oligomer on the fabric and keeps machine clean.

Polydye-DIF has a migrating property thereby it corrects faulty dyeing. Polydye-DIF improves exhaustion of dye specially for polyester microfibre which permits dyeing in short liquor ratio. Polydye-DIF is particularly suitable for the reverse fast method for dyeing of polyester / cellulosic blends.

Key Features & Benefits

Key Features	Benefits
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Levelling	Promotes uniformity of dyeing on polyester by migration
Stripping action	suitable for levelling of faulty dyeing
Diffusion accelerator	Dyeing time can be reduced
Dispersion	Improves dispersion stability of dyes in the bath at at high temperature thereby achieve even dyeing

General Characteristics

Physical appearance	: Yellow to brownish yellow liquid
Ionic nature	: Anionic
Miscibility	: Miscible with water
pH of 1.0% solution	: 7.5 +/- 1
Compatibility	: Compatible with anionic and nonionic products
Stability	: Stable to dilute acids and dilute alkalies

Application

1. Dyeing of Polyester & Polyester/Cellulosic blends



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0.5 - 1.0 g/l Polydye-DIF

Quantity of Polydye-DIF depends upon depth of shades, type of dyes used, compatibility of dyes in the recipe, liquor circulation and rate of temperature rise.

2. For levelling of faulty dyeings
3-4 g/l Polydye-DIF
0.5-1.5 g/l Saracid-RS
Treat at 130 deg. C for 60 min.

Note:

To control foam under vigorous circulation in jet 0.5-1 g/l Saradefoam is recommended.

Precautions

Storage : Store in cool, ventilated shed away from heat and direct sunlight. Storage temperature should not exceed 35 deg C. Close lids firmly to avoid contact with air and moisture.

Shelf Life : 9 months from the date of manufacturing, if stored under controlled conditions.

[The above information is given in good faith and is without warranty]
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