



Sarex Chemicals

(A Divn. Of Saraf Chemicals Ltd.)

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PRODUCT LITERATURE

YUVI-PES

Product Information

Yuvi-PES is an UV absorber for polyester fibre and its blend. It protect against UV rays. It has no influence on the shade of dyeing. It is suitable for pad as well as exhaust application.

Key Features & Benefits

Key Features

Remarkably cut ultraviolet ray at 250-400 nm

No influence on human health

No influence on softness of treated material.

Benefits

UPF protection

Eco-friendly

Does not affect the fabric feel

General Characteristics

Physical appearances : Creamish liquid
Ionic Nature : Non-Ionic
pH of 1% solution : 6 +/- 1
Miscibility : Miscible with water
Compatability : Compatible with anionic, cationic and non-ionic products
Stability : Stable to dilute acids and dilute alkalies.

Application

HT exhaust process

x % disperse dyes

0.25-0.5 g/l Metanol DL (Conc) (dispersing agent)

0.5-1% Supergen KDF (levelling agent)

1-3 % Yuvi-PES

0.5-1 ml/l Saracid-RS for pH 4.5 - 5

raise to 130 dec.C

dye for 30-60 min at 130 deg.C

When Yuvi-PES is applied alone (without dyes), 20-30 min at 130 deg.C.

Pad thermosol process

x g/l disperse dyes

20-50 g/l Yuvi-PES

10-20 g/l Sarasol AMC (migration inhibitor)



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2-5 g/l Celldet-R (wetting agent)
1-2 ml/l Saracid-RS for pH 4.5-5
pad with 70-80% pickup
dry at 110-130 deg.C
thermosol at 190-210 deg.C for 60-30 sec.

Yuvi-PES When applied alone (without dyes), 30 seconds at 190 deg.C for light woven fabrics.

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 : 8 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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