PRODUCT LITERATURE
SARAFLAM-PDR

Product Information

Saraflam-PDR is a water soluble non durable flame retardant available in powder form and suitable for all cellulosic, synthetics and their blends. It is durable to dry cleaning but non durable to washing. It imparts soft handle and has minimum effect on shade.

Key Features & Benefits

Key Features	Benefits
Eco-friendly	Halogen Free
Economical	Available in concentrated form
Handle	Does not affect feel or drape of fabric

General Characteristics

Physical appearance	Off while crystalline powder
Ionic nature	Non-ionic
pH of 1% solution	7 +/- 1
Miscibility	Soluble in water
Compatibility	Compatible with anionic, non-ionic and cationic products
Stability	Stable to dilute acids and dilute alkalies

Application

Before finishing with Saraflam-PDR, ensure that fabric should be free from oil, residual sizes, fats and other impurities and fabric should be perfectly scoured to remove any dirt present.

Saraflam-PDR may be applied by padding, spray or impregnation.

Concentration   : 150-200 g/l
Pad with 2 dip 2 nip with 70-80% pick-up followed by complete drying at 100-110 deg.C
Dry add-on of 15-20% o.w.f.

Note :
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1. The use of padder with 2 or 3 cylinder ensures uniform application. Long impregnation and bath temperature 30 deg.C helps to achieve required performance.

2. It is advisable to carry out lab trials prior to bulk trial.

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Instructions for Dilutions :

Procedure to prepare 45% Saraflam-PDR

1. Take 55 parts DM water at 25-30 deg C
2. To this gradually add 45 parts of Saraflam-PDR under constant stirring
3. Continue stirring at 250-300 rpm for 15-20 min. to obtain homogenous solution

Note: On storage slight particles may tend to settle down. Shake well before use.

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.

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